2008 SMALL GRAIN PERFORMANCE TRIALS

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This support is greatly appreciated.

LOUISIANA STATE UNIVERSITY AGRICULTURAL CENTER
William B. Richardson, Chancellor

LOUISIANA AGRICULTURAL EXPERIMENT STATION
David Boethel, Vice Chancellor and Director

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Performance of Small Grain Varieties in Louisiana, 2007-08

Stephen A. Harrison[1], Kelly Arceneaux[1], R.L. "Bubba" Bell[2], Gene Boquet[6], Patrick D. Colyer[4], Mildred Deloach[5], Dustin Harrell[3], James Hayes[4], James Leonards[3], H.J. "Rick" Mascagni[2], Steven H. Moore[5], G. Boyd Padgett[6], Myra Purvis[6], Ronald Regan[3], Glenn Schexnayder[1], H.P. "Sonny" Viator[7] and Gregory Williams[7]

INTRODUCTION

Small grain variety trials are conducted annually by scientists of the Louisiana Agricultural Experiment Station (LAES) to evaluate grain yield, agronomic performance, and disease reaction of varieties and advanced lines. The trials are conducted at seven LAES research stations representative of the major soil and climate regions of the state (map). Entries are included in the trials based upon previous performance or at the request of the originating agency. Inclusion of an entry in the trials does not constitute an endorsement by the LAES. The 2008 statewide wheat performance trials included 60 varieties (bold font) and experimental lines (normal font).

New entries in the statewide trials are tested at all locations, but may be dropped from a region if they show little potential in that area. South Louisiana consists of the Baton Rouge, Crowley, and Jeanerette locations; whereas North Louisiana consists of locations at Alexandria, Bossier City, St. Joseph, and Winnsboro. No oat data was collected from the Bossier City location. When choosing varieties, growers should consult their local LCES agents and the 2 and 1 year data tables for a given region (north or south Louisiana). Growers should also consider specific data from the LAES variety trial location that most closely match the weather and soil conditions of their farm and should avoid growing a single variety on a large acreage. Growing several varieties will help ensure that the entire crop is not severely damaged by chance occurrences in weather or by shifts in pathogen races or virulence patterns. Yield, test weight, maturity, and disease resistance are important traits to consider when selecting varieties. If a grower plans to plant wheat early, he should avoid varieties that have a very early heading date to reduce the danger of freeze damage.

Specific management and cultural practices for a location are presented at the bottom of the tables, along with unusual or key observations about that test. Rainfall and temperature information for each location is presented in Figure 1. All plots were seeded at the recommended rate with seed provided by the originating agency or company (Appendix A).

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1 Professor and variety trial coordinator, Research Associate, Research Farm Specialist 2, respectively, Agronomy Department, Baton Rouge.
2 Research Associate, and Professor, respectively, Northeast Research Station, St. Joseph.
3 Assistant Professor, and Research Associates, Rice Research Station, Crowley.
4 Professor, and Research Associate, respectively. Red River Research Station, Bossier City.
5 Research Associate, and Professor, Dean Lee Research Station, Alexandria.
6 Research Associate, Professor and Research Associate, respectively, Macon Ridge Research Station, Winnsboro.
7 Professor and Research Associate, Iberia Research Station, Jeanerette.

Characters Evaluated and Statistics Reported:

Data are collected on grain yield, test weight, heading and maturity dates, plant height, lodging, and disease reaction, as appropriate at each location. Grain yield was adjusted to 13% moisture. **Least significant differences (LSD's)** are reported at the 10% probability level. An LSD of 10% probability (α=0.10) is the level of difference in a trait that occurs between two varieties once in every 10 comparisons as a result of random chance due to greater soil fertility, better drainage, slightly greater harvest length, or any other "uncontrollable or unmeasurable factors," even if the varieties had the same genetic yield potential. If the LSD (0.10) for yield in a trial is 7.0 bu/a, there is a 10% chance that two varieties with a reported yield difference of 7.0 bu/acre are genetically equal and a 90% probability they have differences in genetic potential in that particular environment. LSD values are influenced by the degree of precision that soil fertility, stand establishment, plot length, harvest efficiency, and other variables of the trials are controlled, and by the number of replications of each variety or treatment. The letters '**ns**' are used in the text and tables to indicate lack of significance (**not significantly different**) at the 10% probability level. Correlations are sometimes given to indicate the degree to which two traits, such as rust rating and yield, are related. A correlation between rust rating and yield of r = -1.0 would indicate that for every unit increase in rust there was a proportional decrease in yield.

Wheat leaf rust (*Puccinia triticina*), stripe rust (*Puccinia striiformis*), and oat crown rust (*Puccinia coronata*) are reported as percentage of the upper two leaves affected by the disease. Two replications are evaluated for leaf rust, between flowering and the early dough stage of kernel development. Wheat and oat stem rust (*Puccinia graminis*) are reported on a scale of 0-9, where a 0 indicates no disease and a 9 indicates that the plant was killed by the disease. Stem rust is normally rated somewhat later than leaf rust.

Bacterial streak (*Xanthomonas campestris* pv. *translucens*), Septoria leaf (*Mycosphaerella graminicola*) and glume blotch (*Leptosphaeria nodorum*) are rated on a scale of 0 to 9 during the dough stage of development. A rating of 0 indicates that no disease was present, while a 9 indicates very severe disease. The upper few leaves, heads, and stems below the head are the portions rated for these two diseases. Since bacterial streak (black chaff) is not controlled by fungicides, it is important that this disease be distinguished from septoria blotch. Heading day is given as calendar day (day of year). Lodging is rated on a 0-9 scale, where a 0 indicates that all plants were completely upright.

Traits and Rating Scales for LAES Wheat and Oat Performance Trials.		
Trait	**Abbreviation**	**Description**
Yield	Yield	Grain yield in bushels per acre adjusted to 13% moisture.
Test weight	Test wt	Volume weight of grain in pounds per bushel
Heading day	Head day	Day of calendar year (days after December 31) until 50% heading.
Plant height	Ht	Plant height in inches.
Lodging rating	Lod	Lodging rated on a scale of 0 - 9, where a 0 indicates no lodging and a 9 indicates complete lodging (all plants flat).
Leaf rust	Leaf rust	Percent of upper two leaves affected by leaf rust, rated during grain fill. This rating is generally taken during soft to mid-dough, but varies somewhat by location and variety.
Stripe rust	Stripe rust	Percent of upper two leaves affected by leaf rust, rated between flag leaf and mid grain fill.
Septoria	Sept	Septoria leaf & glume blotch rated on a scale of 0 - 9, where 0 indicates no disease and 9 indicates severe disease on the flag leaf and head.
Bacterial Streak	Bact	Bacterial streak (black chaff) rated on a scale of 0 - 9, where 0 indicates no disease and 9 indicates severe disease on the flag leaf and head.
Powdery mildew	Powd mild	Powdery mildew rating on a scale of 0 - 9, where 0 indicates no disease and 9 indicates severe disease present on the foliage. Rated in early to mid spring.
Phenotype	Phe	Phenotypic rating, an overall visual rating prior to harvest. 0=excellent, 9=poor. This rating is a visual rating of ‘eye-appeal’.

Results and Discussion

Yield data is reported from seven locations for wheat and two locations for oats in 2008. The planting season was generally good and adequate stands were established at all sites. There was a very wet period from mid December through late February that limited tillering and resulted in root rot and thin stands in some trials. The spring was dry, with good growing conditions and moderate disease pressure. Leaf rust incidence was higher than normal but there was little stem rust or stripe rust. Heavy rains late May at some locations and resulted in harvest problems and reduced test weight for those trials not already harvested.

Performance of Wheat Varieties Across South Louisiana

South Region Means

Performance of wheat varieties tested across south Louisiana in 2008 is shown in Table 1. Bold print indicates that the entry is a released variety and normal print indicates that the entry is a breeding line that is not commercially available. AGS 2060 (74.5 bu/acre), AGS 2020 (65.5 bu/acre), AgriPro Coker Magnolia (63.0 bu/acre) and Delta King DK9108 (63.4 bu/acre) were the highest yielding released varieties. Four breeding lines LA95005UC-31-3 (73.1 bu/acre), GA981622-5E35 (70.3 bu/acre), GA981621-5E34 (69.8 bu/acre), and LA01138D-21 (69.6 bu/acre) rounded out the top five entries for South Louisiana. The means of 55 entries included 51.7 bu/acre for yield and 55.0 lbs/bu for test weight.

Leaf rust pressure was moderate with several entries having ratings near 50%. The test mean for leaf rust was 12%. Septoria leaf and glume blotch, and a mixture of foliar diseases (Leaf blotch) occurred at several locations and there were significant differences among varieties.

In performance across south Louisiana for two years, the released variety AGS 2060 (79.6 bu/acre) and the breeding line LA99005UC31-3 (79.2 bu/acre) led in mean yields (Table 2). Terral LA482 (74.3 bu/acre), LA98214D-14-1-2 (74.0 bu/acre) and AGS 2020 (73.9 bu/acre) rounded out the top five in yield. The 27 entries tested at Baton Rouge, Crowley, and Jeanerette for two years had means of 66.8 bu/acre for yield and 55.7 lbs/bu for test weight. Ten of the 12 lowest- yielding entries had heading dates later than the average of 93 days (day of year), while none of the 10 highest-yielding entries headed later than 91 days. Late-heading varieties generally perform poorly in south Louisiana. Significant differences among varieties existed for leaf rust and stem rust incidence.

Fourteen entries were tested over three years in south Louisiana with AGS 2060 (79.6 bu/acre), Terral LA482 (76.0 bu/acre), and AgriPro Coker Magnolia (73.9 bu/acre) having the top three yields (Table 3). The top five was rounded out by Terral LA841 (73.6 bu/acre) and Delta King DK9108 (71.4 bu/acre). Test means were 68.0 bu/acre for yield and 56.4 lbs/bu for test weight. The top five entries all received low (good) ratings for leaf rust and stem rust.

Baton Rouge

At Baton Rouge, two breeding lines, LA99005UC-31-3 (82.0 bu/acre) and GA981622-5E35 (79.6 bu/acre) had the highest yields (Table 4). A second breeding line, LA978UC-36-1-1 (71.4 bu/acre), and two released varieties, AGS 2020 (69.6 bu/acre) and Terral LA841 (66.1 bu/a) also ranked in the top five for yield. The average yield at Baton Rouge, 52.5 bu/acre, is relatively low and can be attributed to heavy rainfall during the winter and subsequent root rot and loss of tillers. The test was harvested a little late (for adapted entries) because of the delayed heading and maturity of some entries. This resulted in decreased test weights on those entries that had a normal heading date, due to heavy rainfall after maturity. The average heading day was 98 (March 28). Late heading/maturing varieties and delayed harvest date also decreased yields of some earlier entries due to bird damage. Leaf rust pressure was high, with ratings from 0 to 70%. Septoria ratings ranged from 1.0 to 3.0 (0-9).

Crowley

The test at Crowley was good, with an average yield of 60.1 bu/acre. At this location, two breeding lines LA98214D-14-1-2 (83.6 bu/acre) and GA981621-5E34 (82.6 bu/acre) led 55 entries in yield in 2008 (Table 5). Three more breeding lines, LA01138D-21, LA99005UC-31-3, and GA981622-5E35 ranked in the top five, all with yields above 80.0 bu/acre. The average test weight at Crowley, 54.1 lbs/bu, is low partly due to heavy rainfall prior to harvest Leaf rust pressure was high with ratings ranging between 0 and 75%, and a mean of 17%. Average heading was 84 days at this location.

Jeanerette

The test at Jeanerette suffered from poor tillering and resulting yields were somewhat low. A released variety, AGS 2060 (63.9 bu/acre) led 55 entries for yield at Jeanerette in 2008 (Table 6). The breeding line LA98149BUB-3-4 (61.9 bu/acre) ranked second with a yield of 61.9 bu/acre. Two additional released varieties, Delta King DK9108 and Magnolia, and a second breeding line, LA0113D-44 round out the top five entries, all with yields above 59.0 bu/acre. Test means include 42.4 bu/acre for yield and 54.7 lbs/bu for test weight. Average heading occurred at day 95 at this location. Leaf rust pressure was moderate at this location with ratings ranging from 0 to 35%.

Performance of Wheat Varieties Across North Louisiana

North Region Means:

Yields were good across North Louisiana in 2008 (Table 7). USG 3555 (78.3 bu/acre) had the highest yield of 60 entries with the breeding line VA01W-205 and the released varieties AGS 2060, Dixie 427, and USG 3295 rounding out the top five, all with yields above 76.0 bu/acre. AGS 2060 and USG 3295 also had excellent test weights. The

average yield and test weight of 60 entries was 65.6 bu/acre and 57.7 lbs/bu. Magnolia was missing from the 2008 Winnsboro test, which was the highest-yielding site, and added 5.7 bu/acre to the mean of each entry, on average. Leaf rust pressure was high with ratings ranging between 0 and 80%, while stripe rust pressure was minimal.

In two years across North Louisiana (Table 8), two released varieties, AGS 2060 (77.3 bu/acre) and USG 3555 (77.2 bu/acre) had the highest yields of 32 entries. The breeding line LA978UC-36-1-1 and the released varieties USG 3295 and Ragan & Massey LA95135 ranked in the top five, all with yields above 75.0 bu/acre. Averages included 70.7 bu/acre for yield and 58.02 lbs/bu for test weight. Leaf rust ratings were moderate, ranging from 0-29% with an average of 9%. Stripe rust did not occur at significant levels in the past two years. Average heading day was 90 (day of year).

AGS 2060 (78.7 bu/acre) had the highest yield and second-highest test weight across north Louisiana for three years (Table 9). Four other released varieties, Magnolia, USG 3295, Pioneer 26R87, and LA95135 rounded out the top five, all with yields above 76.0 bu/acre and good to excellent test weights.. Averages for three years include 72.2 bu/acre for yield and 57.6 lbs/bu for test weight. Among the top five, leaf rust levels were low to moderate (0-12%) and stem rust levels were low (0-1).

Alexandria

Yields at Alexandria were moderate, with an average of 49.7 bu/acre (Table 10). AGS 2060 (69.3 bu/acre) had the highest yield at this location in 2008. Three other released varieties, DK9108, Pioneer 26R87, and LA95135 ranked in the top five, all with yields above 63 bu/acre. The breeding line LA978UC-36-1-1 ranked fifth with a yield of 62.3 bu/acre. The averages test weight was 58.3 lbs/bu. Leaf rust levels were low with all top five entries having no symptoms and a test mean of only 3%.

Bossier City

At this location, a breeding line, VA01W-205 (82.2 bu/acre) had the highest yield (Table 11). Four released varieties, Dixie 427, USG 3555, DK9108, and AGS 2060 also ranked in the top five, all with yields above 74.5 bu/acre. Test averages include 62.1 bu/acre for yield, 58.0 lbs/bu for test weight and 95 for heading day. No disease notes were taken at this location.

St. Joseph

This location had excellent yields with USG 3295 (89.1 bu/acre) ranking first (Table 12). Two breeding lines, GA981621-5E34 (87.8 bu/acre) and VA01W-205 (83.0 bu/acre) and two additional released varieties, USG 3555 (87.8 bu/acre) and AGS 2031 (83.9 bu/acre) also ranked in the top five. Test averages include 67.9 bu/acre for yield, and 56.5 lbs/bu for test weight. One very early-heading experimental line, Terral TVX85771, was seriously damaged by birds, so reliable yield data was not obtained from

this entry. The average heading day was 92. Very high levels of leaf rust occurred at this location, with an average of 31% and a high of 98%.

Winnsboro

The test at Winnsboro was excellent in 2008 and produced very high yields. The breeding line LA99005UC-31-3 ranked first of 59 entries planted at this location, with a yield of 106.5 bu/acre (Table 13). GA981621-5E34, LA99164UC-53-1, LA978UC-36-1-1, and AGS 2020 also yielded above 96.6 bu/acre. Magnolia was not planted at this highest yielding location due to a seed packaging error. Test averages include 82.8 bu/acre for yield and 58.1 lbs/bu for test weight. Leaf rust pressure was moderate and stripe rust pressure was low with test averages of 7% and 0%.

Over two years, LA99005UC-31-3 again ranked first at Winnsboro with a yield of 100.3 bu/acre. Two other LA breeding lines, as well as two varieties, AGS 2020 and 2026, also ranked in the top five, with yields above 91.0 bu/acre.

Statewide Performance of Wheat Varieties

Table 14 contains the average performance of 55 entries across seven locations in 2008. Yield data are separated into locations and ranked according to statewide mean yield in Table 14B. The only released variety in the top five, AGS 2060, had the highest statewide mean yield of 76.6 bu/acre. Four breeding lines, two from Georgia and two from Louisiana, also ranked in the top five, all with yields above 70.0 bu/acre compared to the test average of 60.0 bu/acre.

AGS 2060 and Pioneer 26R87had the highest test weights of 59.2 lbs/bu compared to the statewide test average of 56.6 lbs/bu. Leaf rust levels were moderate with an average of 15%. Four of the top five entries had leaf rust ratings of 0%.

Twenty seven entries were tested across Louisiana in 2007 and 2008 (Table 15). AGS 2060 had the highest yield of 78.4 bu/acre compared to the average of 69.5 bu/acre. Four LA breeding lines took the other top five rankings, all with yields above 73.0 bu/acre. AgriPro Coker Magnolia, AGS 2026, Terral LA841, and Ragan & Massey LA95135 rounded out the top five released varieties with yields of at least 72 bu/acre. The top five entries scored below the leaf rust average of 7%.

Over the three years 2006, 2007, and 2008, 14 entries were tested across Louisiana. Four locations reported in 2006, six in 2007, and seven in 2008. The released variety AGS 2060 had the highest yield of 79.2 bu/acre compared to the average of 70.7 bu/acre. The four other varieties ranking in the top five all had yields above 73.3 bu/acre.

OTHER WHEAT TRIALS

The 2008 USDA Uniform Southern Soft Red Winter Wheat Nursery contained 42 entries and was planted at Baton Rouge and Winnsboro (Tables 17 and 18). The leading entry at Baton Rouge was a Georgia breeding line, GA991336-6E9 with a yield of 81.4 bu/acre compared to the mean of 49.2 bu/acre. At Winnsboro, two other Georgia breeding lines, GA991371-6E13 and GA991209-6E33 tied for the top yield of 89.9 bu/acre compared to the test average of 52.3.

Wheat Preliminary Yield Trial A (WPA) was planted at Baton Rouge and Winnsboro in 2008 (Tables 19 and 20) and contained 32 entries (28 experimental lines and 4 checks). At Baton Rouge, AGS 2020 had the top yield of 77.2 bu/acre compared to the average of 61.9 bu/acre. This location was harvested late due to many late-maturing entries and consequently suffered yield and test weight reductions due to bird damage and heavy rains prior to harvest. The Arkansas breeding line AR01080-91-3-C had the top yield of 104.4 bu/acre at Winnsboro compared to the average of 84.3 bu/acre. Across Baton Rouge and Winnsboro (Table 22), the leading entry had a yield of 90.2 bu/acre compared to the mean of 77.1 bu/acre.

Wheat Preliminary Yield Trial B (WPB) was planted at Baton Rouge and Winnsboro and contained 24 entries (Tables 23 and 24). At Baton Rouge, the check AGS 2060 had the highest yield of 66.4 bu/acre compared to the average of 49.4 bu/acre. Delayed harvest due to rainfall at this location led to lowered yields and test weights. The breeding line LA01158D-36-6-C had the top yield of 90.9 bu/acre compared to the average of 75.9 bu/acre at Winnsboro.

Wheat Preliminary Yield Trial C (WPC) was planted at Baton Rouge in 2008 and contained 18 entries (Table 25). The leading entry, the breeding line LA01172D-27-5-4 had a yield of 70.5 bu/acre compared to the test average of 59.9 bu/acre. Late harvest led to lower test weights in this trial.

Performance of Oat Varieties

The oat variety performance trial contained 26 entries and was conducted at Baton Rouge and Winnsboro in 2008. The top 5 yielding entries contained only one released variety, Horizon 270, which ranked first with a yield of 136.5 bu/acre. Four breeding lines, one from Texas, one from Louisiana and two from Florida, rounded out the top five, all with yields above 129.6 bu/acre. The varieties LA99016 and Horizon LA976 also yield at least 125 bu/acre. The test means included 118.5 bu/acre for yield and 34.4 lbs/bu for test weight.

Table 27 contains oat variety trial data for two years. The top five entries include three released varieties and two breeding lines, one of which, TX02U768, had the highest yield of 132.5 bu/acre. The top five entries all had yields greater than 125 bu/acre, well above the test mean of 116.5 bu/acre. Other test means include 34.5 lbs/bu for test weight, 6% for crown rust and 1.8(0-9) for stem rust.

In the oat variety trial across Louisiana for three years (Table 28), the breeding line TX02U7682 (134.3 bu/acre) again ranked first with a yield well above the test mean of 113.9 bu/acre and a test weight of 34.1 lbs/bu. The three year test weight mean was 33.6 lbs/bu. Horizon 270 and LA99106 were the highest-yielding released varieties.

Baton Rouge:

The variety Horizon 270 ranked first at this location with a yield of 126.4 bu/acre (Table 29). The top five also included four breeding lines, one from Texas, two from Louisiana, and one from Florida all with yields above 115 bu/acre, coupled with 0% crown rust and good stem rust ratings. Test means included 100.7 bu/acre for yield and 33.1 lbs/bu for test weight. The average crown rust incidence was only 3%, but the susceptible variety 'Brooks' had 70% crown rust, which indicates that the other entries had good resistance. Stem rust pressure was moderate with a range of 0.3 to 4.7, where a '0' indicates none and a '9' indicates severe stem rust.

Winnsboro:

At this location, the breeding line FL99212-D6 ranked first with a yield of 152.7 bu/acre (Table 30). Three other breeding lines and one variety (LA99016) rounded out the top five, all with yields of at least 149.0 bu/acre. Test means included 136.4 for yield and 35.7 lbs/bu for test weight. Dry conditions resulted in very low disease pressure and high test weights at this location.

Preliminary Oat Yield Trial 'A':

At Baton Rouge (Table 33), the breeding line WIX8347-2 and the variety Horizon 270 led this test, both with a yield of 132.3 bu/acre. Three breeding lines, one from Louisiana and two from Florida rounded out the top five entries, all with yields at or above 118.0 bu/acre. Test means included 99.5 bu/acre for yield, 33.8 lbs/bu for test weight, 6% for crown rust and 1.4(0-9) for stem rust.

At Winnsboro (Table 34), the variety LA99016 led the test with a yield of 126.7 bu/acre. Three LA breeding lines and a second released variety, Horizon 270, also ranked in the top five, all with yields above 138 bu/acre. Test means at this location included 126.7 bu/acre for yield and 32.9 lbs/bu for test weight.

Across the Baton Rouge and Winnsboro locations (Table 35), two released varieties, Horizon 270 (135.2 bu/acre) and LA99016 (134.2 bu/acre) ranked first and second in yield. Three breeding lines, two from LA, also ranked in the top five with yields above 126 bu/acre. Test means across both locations include 113.1 bu/acre for yield and 33.4 lbs/bu for test weight.

Preliminary Oat Yield Trial 'B':

Oat Prelim-B data from Baton Rouge can be found in Table 36. The released variety Horizon 270 (145.7 bu/acre) had the highest yield in this test. Three LA breeding lines and one Florida breeding line also ranked in the top five, all with yields above 122

bu/acre. Test means include 88.1 for yield, 31.6 lbs/bu for test weight, 8% for crown rust and 1.8 (0-9) for stem rust.

Uniform Oat Nursery at Baton Rouge:

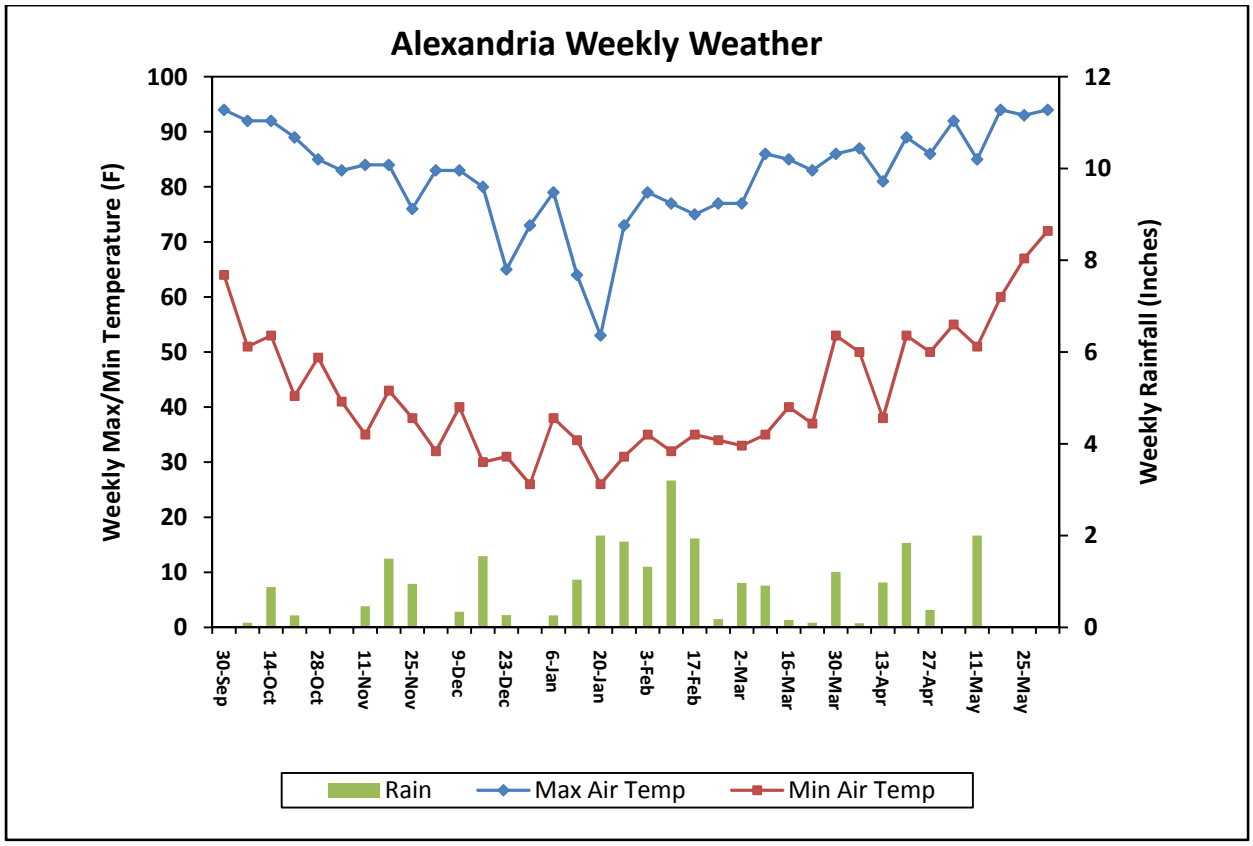
The USDA regional Uniform Winter Oat Yield Nursery was grown at Baton Rouge (and other locations across the southern US). The test contained 25 entries, five of which are released varieties. A Texas breeding line TX02U7682 ranked first with a yield of 142.9 bu/acre. Four other breeding lines, from Louisiana, Texas and Florida ranked in the top five, all with yields above 123.5 bu/acre. Test means include 93.7 bu/acre for yield and 31.2 lbs/bu for test weight, 8% for crown rust and 2.9 (0-9) for stem rust.

Other Oat Trials:

The LSU AgCenter and University of Florida oat breeding programs have a cooperative project to develop nuda (hull-lees, naked) oat varieties for the southern US. Naked oats have a loosely attached hull that comes off during combining. The resulting grain is much higher is protein and oil, and lower in crude fiber that conventional oats.

Elite Nuda Oat Trial consisted of 35 entries (31 experimental lines and 4 checks) and was planted at Baton Rouge in 2008. The two hulled checks, Trophy (101.7 bu/acre) and Horizon 321 (83.4 bu/acre) ranked first and second respectively for grain yield. If we assume that the average percent hull is 25% then a 100 bushel conventional yield would equal the 75 bushels after mechanical dehulling. Seven breeding lines yielded greater than 70 bu/acre with a high percentage of hull-less seed (Nuda Pct), excellent test weights, and good disease reaction. FL03011-K4 had a yield of 79.7 bu/acre, which is roughly equal to a yield of 106 bu/acre for a hulled oat. It also had a test weight of 43.0 lbs/bu, 23% higher than the best conventional variety.

Advanced Nuda Oat Trial contained 25 entries (21 experimental lines and 4 checks) and was planted at Baton Rouge. The conventional check Horizon 270 ranked first with a yield of 115.4 bu/acre and attest weight of 31.6 lbs/bu. The naked oat line, FL04178-FLID-B-S-2 had a yield of 98.5 bu/acre with a test weight of 39.1 lbs/bu and 98% naked seed. This line and others yielded substantially more than the released naked oat varieties Buff (North Dakota) and Caballo (North Carolina).


Alexandria Weekly Weather
Weekly Max/Min Temperature (F)
Weekly Rainfall (Inches)
100
90
80
70
60
50
40
30
20
10
0
12
10
8
6
4
2
0
30-Sep
14-Oct
28-Oct
11-Nov
25-Nov
9-Dec
23-Dec
6-Jan
20-Jan
3-Feb
17-Feb
2-Mar
16-Mar
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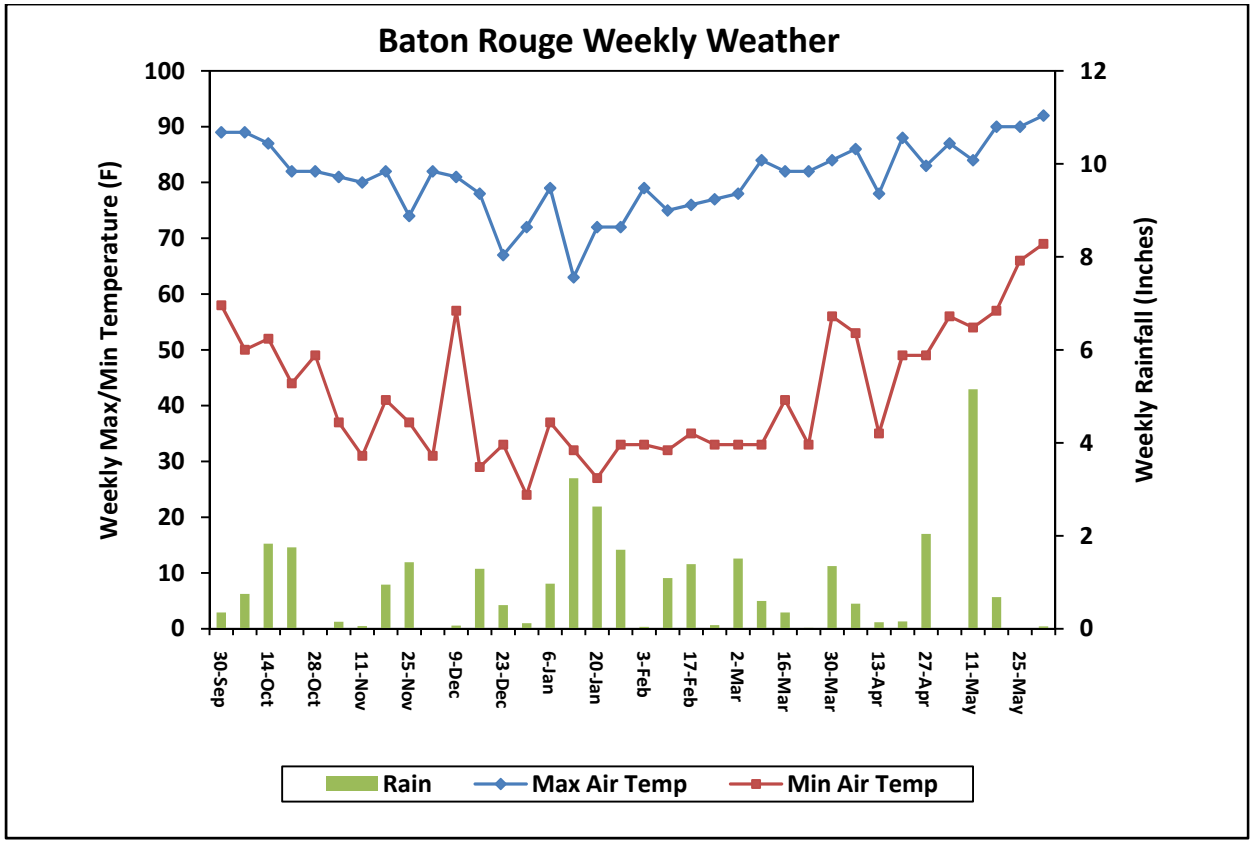
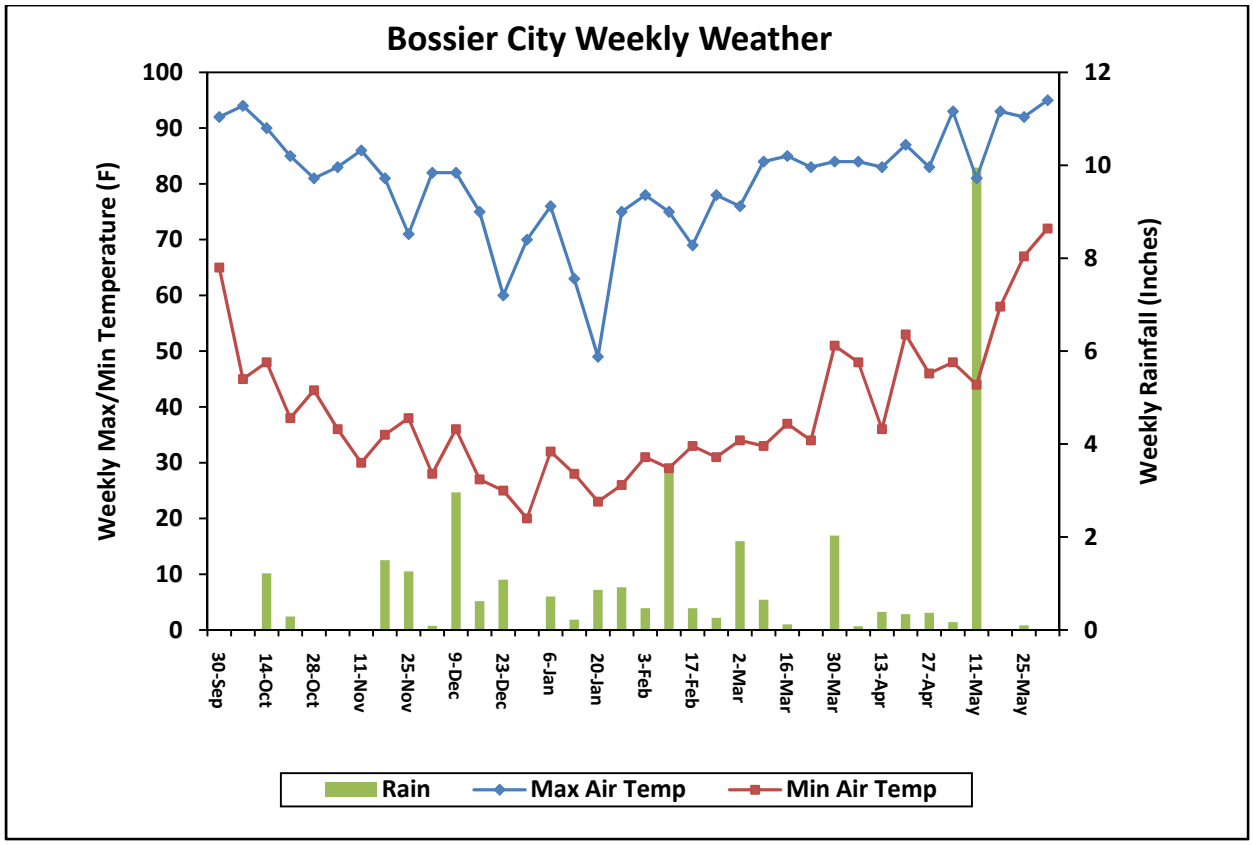
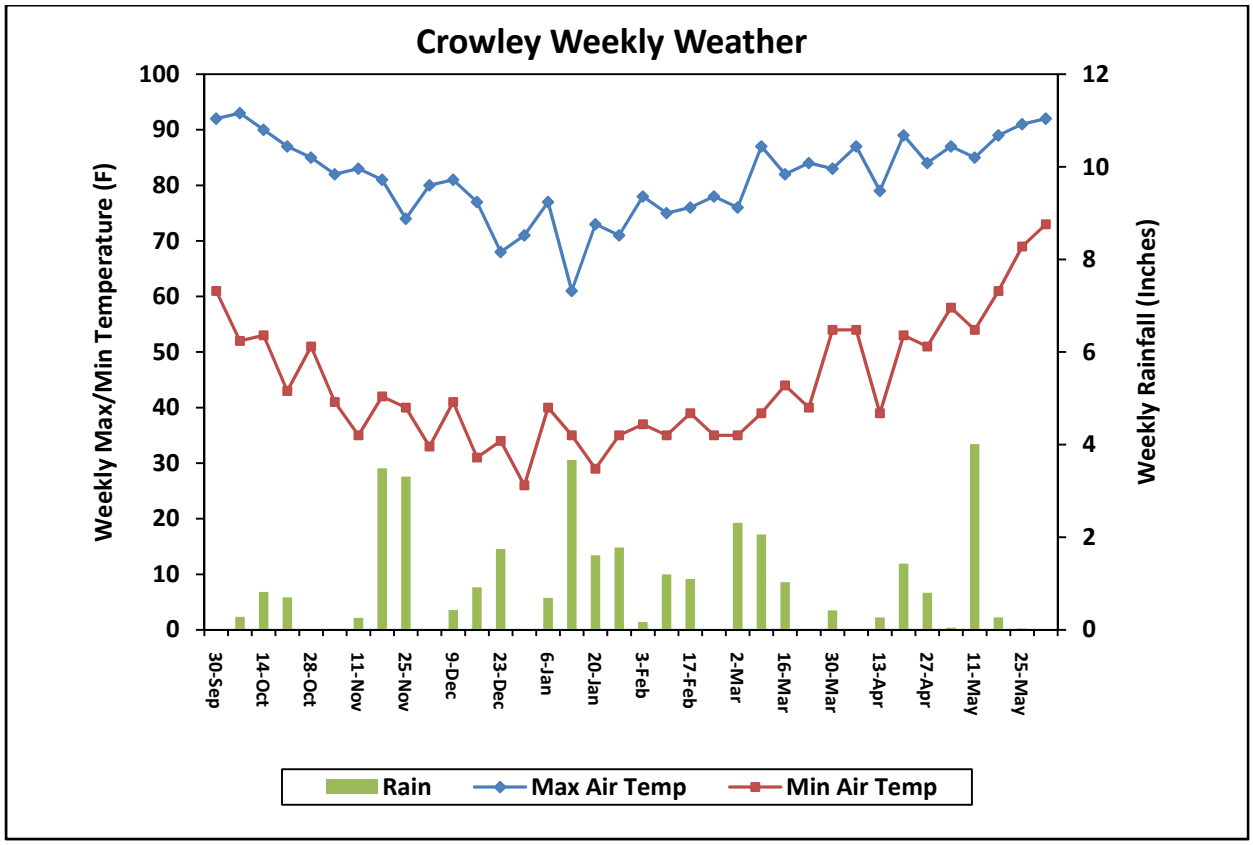
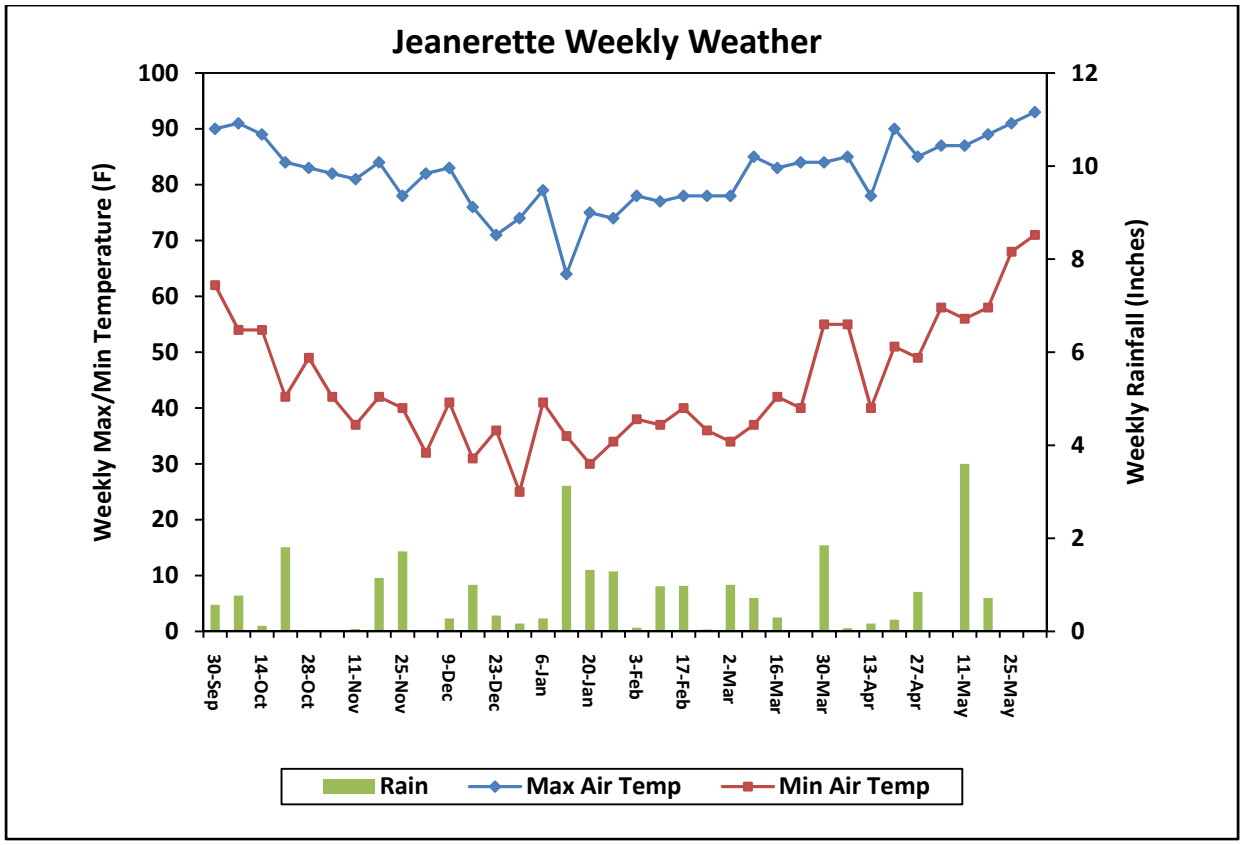
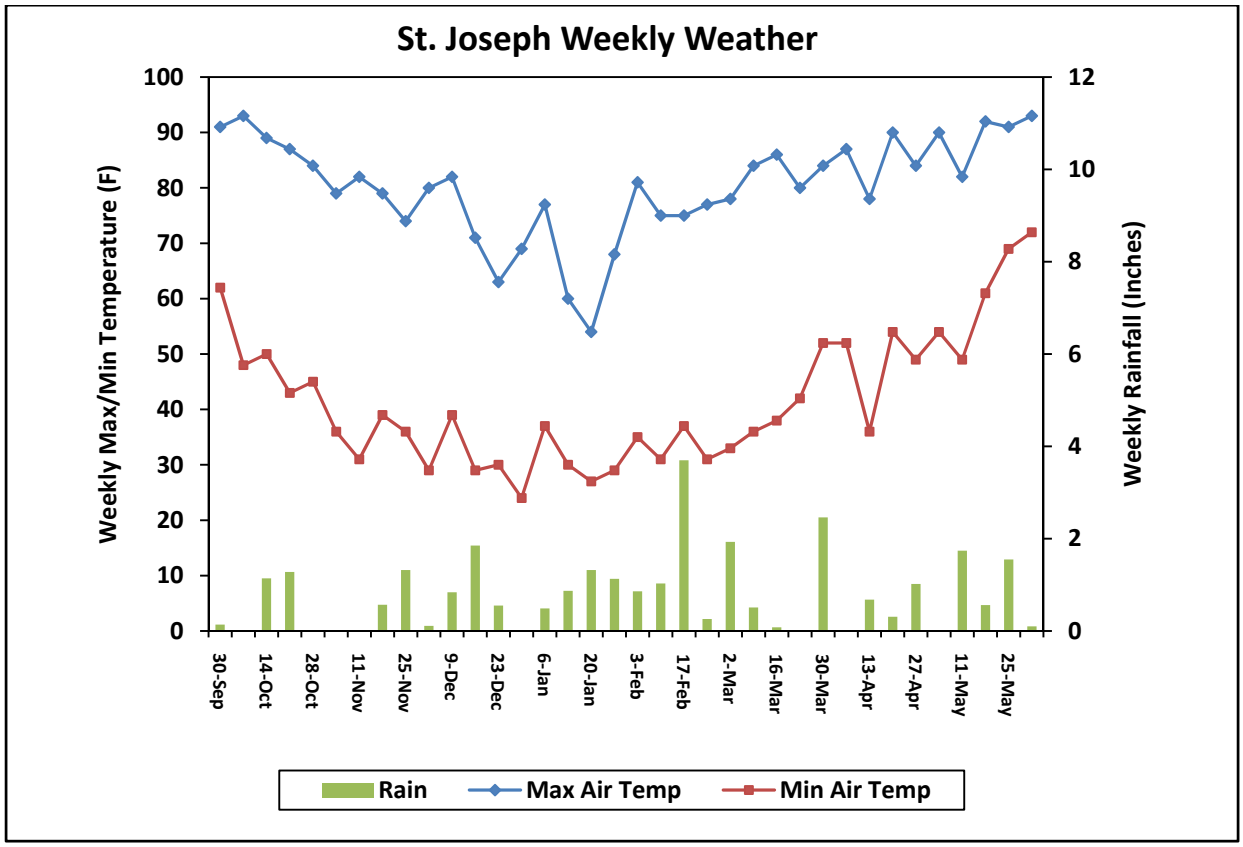
13-Apr
27-Apr
11-May
25-May
Rain
Max Air Temp
Min Air Temp


Baton Rouge Weekly Weather
Weekly Max/Min Temperature (F)
Weekly Rainfall (Inches)
100
90
80
70
60
50
40
30
20
10
0
12
10
8
6
4
2
0
30-Sep
14-Oct
28-Oct
11-Nov
25-Nov
9-Dec
23-Dec
6-Jan
20-Jan
3-Feb
17-Feb
2-Mar
16-Mar
30-Mar
13-Apr
27-Apr
11-May
25-May
Rain
Max Air Temp
Min Air Temp


Bossier City Weekly Weather
Weekly Max/Min Temperature (F)
Weekly Rainfall (Inches)
100
90
80
70
60
50
40
30
20
10
0
12
10
8
6
4
2
0
30-Sep
14-Oct
28-Oct
11-Nov
25-Nov
9-Dec
23-Dec
6-Jan
20-Jan
3-Feb
17-Feb
2-Mar
16-Mar
30-Mar
13-Apr
27-Apr
11-May
25-May
Rain
Max Air Temp
Min Air Temp


Crowley Weekly Weather
Weekly Max/Min Temperature (F)
Weekly Rainfall (Inches)
100
90
80
70
60
50
40
30
20
10
0
12
10
8
6
4
2
0
30-Sep
14-Oct
28-Oct
11-Nov
25-Nov
9-Dec
23-Dec
6-Jan
20-Jan
3-Feb
17-Feb
2-Mar
16-Mar
30-Mar
13-Apr
27-Apr
11-May
25-May
Rain
Max Air Temp
Min Air Temp


Jeanerette Weekly Weather
Weekly Max/Min Temperature (F)
Weekly Rainfall (Inches)
100
90
80
70
60
50
40
30
20
10
0
12
10
8
6
4
2
0
30-Sep
14-Oct
28-Oct
11-Nov
25-Nov
9-Dec
23-Dec
6-Jan
20-Jan
3-Feb
17-Feb
2-Mar
16-Mar
30-Mar
13-Apr
27-Apr
11-May
25-May
Rain
Max Air Temp
Min Air Temp


St. Joseph Weekly Weather
Weekly Max/Min Temperature (F)
Weekly Rainfall (Inches)
100
90
80
70
60
50
40
30
20
10
0
12
10
8
6
4
2
0
30-Sep
14-Oct
28-Oct
11-Nov
25-Nov
9-Dec
23-Dec
6-Jan
20-Jan
3-Feb
17-Feb
2-Mar
16-Mar
30-Mar
13-Apr
27-Apr
11-May
25-May
Rain
Max Air Temp
Min Air Temp

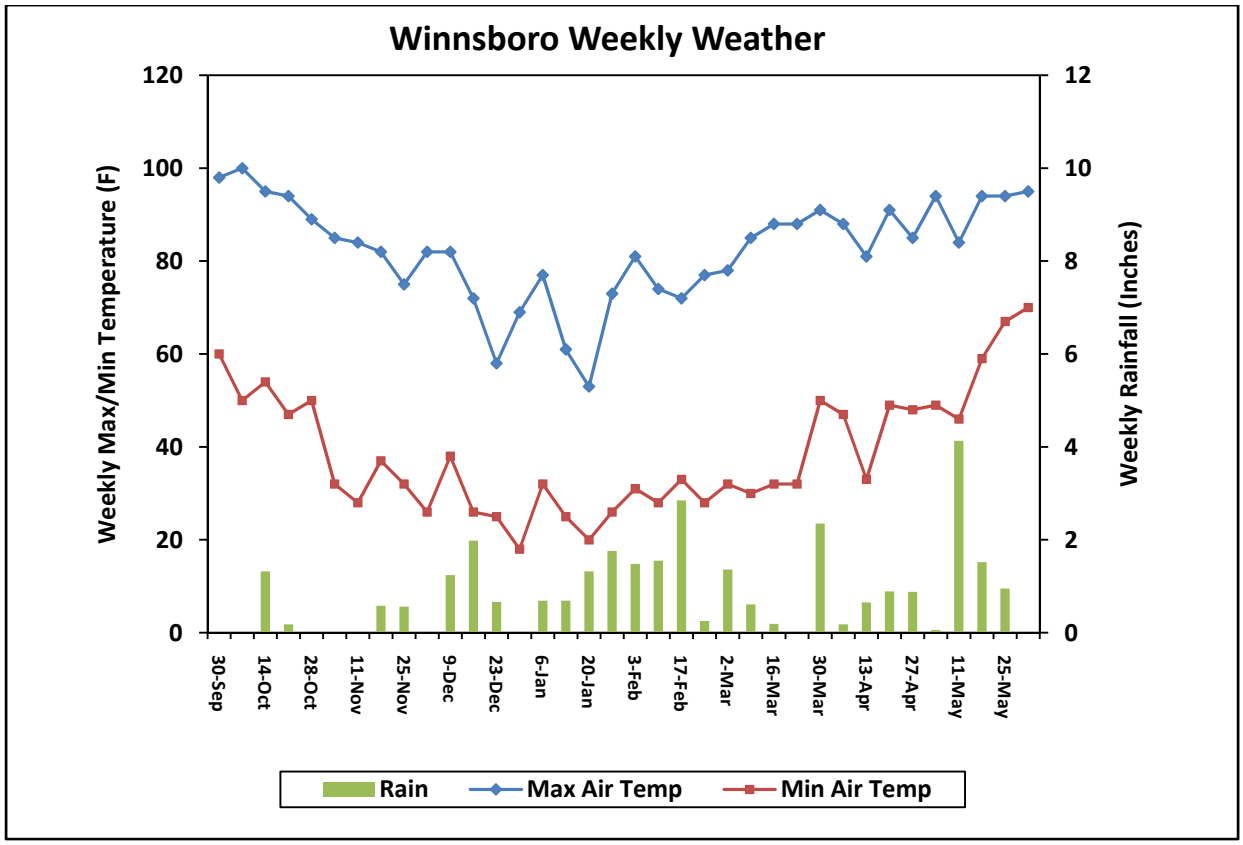

Winnsboro Weekly Weather
Weekly Max/Min Temperature (F)
Weekly Rainfall (Inches)
120
100
80
60
40
20
0
12
10
8
6
4
2
0
30-Sep
14-Oct
28-Oct
11-Nov
25-Nov
9-Dec
23-Dec
6-Jan
20-Jan
3-Feb
17-Feb
2-Mar
16-Mar
30-Mar
13-Apr
27-Apr
11-May
25-May
Rain
Max Air Temp
Min Air Temp

Table 1 . 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 1 . 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 2. Wheat performance trial across South Louisiana for two years, 2007 and 2008.

Brand / variety	Grain Yield	Test Wt	Head Day	Plant Height	Lod-ging	Leaf Rust	Stem Rust	Sept oria	Pheno -type
	bu/a	lbs/bu	day of yr	in	0-9	%	0-9	0-9	0-9
AGS 2060	**79.6**	**58.2**	**81**	**37**	**1.1**	**0**	**0.0**	**2.0**	**3.8**
LA99005UC-31-3	79.2	55.9	79	33	0.7	2	0.4	2.4	3.9
TERRAL LA482	**74.3**	**55.4**	**76**	**36**	**0.9**	**11**	**0.3**	**2.4**	**4.4**
LA98214D-14-1-2	74.0	56.0	83	36	1.7	0	0.1	2.2	3.5
AGS 2020	**73.9**	**55.6**	**82**	**36**	**2.3**	**0**	**0.3**	**2.6**	**4.2**
LA978UC-36-1-1	73.0	55.3	81	32	1.0	0	2.7	2.2	4.1
AGRIPRO COKER MAGNOLIA	**72.3**	**55.3**	**84**	**35**	**0.7**	**10**	**0.0**	**2.8**	**4.3**
LA98149BUB-3-4	72.2	55.3	85	34	0.6	4	1.9	2.2	4.3
DELTA KING DK9108	**71.0**	**55.2**	**85**	**37**	**0.6**	**6**	**2.2**	**1.8**	**4.5**
AGS 2026	**71.0**	**55.7**	**91**	**32**	**1.2**	**0**	**0.0**	**1.2**	**4.3**
TERRAL LA841	**71.0**	**54.5**	**85**	**33**	**0.8**	**1**	**0.1**	**2.2**	**3.8**
AGRIPRO COKER 9700	**70.6**	**56.3**	**83**	**32**	**0.9**	**2**	**2.5**	**1.8**	**4.2**
JAMESTOWN	**68.9**	**56.8**	**83**	**30**	**0.7**	**4**	**0.0**	**1.4**	**4.2**
RAGAN&MASSEY LA95135	**68.1**	**56.3**	**93**	**37**	**1.1**	**0**	**0.7**	**1.4**	**4.4**
PIONEER 26R61	**68.0**	**56.8**	**86**	**36**	**0.6**	**2**	**0.7**	**1.8**	**3.7**
PIONEER 26R87	**67.5**	**57.8**	**95**	**33**	**0.8**	**5**	**0.0**	**1.2**	**4.7**
AGS 2010	**66.3**	**56.8**	**94**	**36**	**1.8**	**0**	**0.3**	**1.8**	**5.3**
USG 3592	**64.9**	**55.6**	**94**	**35**	**1.5**	**0**	**3.3**	**1.4**	**5.4**
LA99120UC-60-1-4	62.5	54.1	83	31	2.4	30	0.1	1.8	4.6
AGS 2031	**62.5**	**57.5**	**95**	**32**	**0.6**	**0**	**0.0**	**1.0**	**5.8**
USG 3555	**62.2**	**54.5**	**94**	**30**	**0.4**	**4**	**0.0**	**1.2**	**5.0**
USG 3295	**61.9**	**56.5**	**98**	**32**	**0.6**	**0**	**0.0**	**1.0**	**5.9**
USG 3209	**61.9**	**54.3**	**90**	**30**	**1.3**	**20**	**0.0**	**1.2**	**5.2**
AGRIPRO COKER 9553	**54.5**	**56.4**	**93**	**33**	**1.3**	**14**	**3.7**	**1.4**	**5.1**
TERRAL TV8558	**52.8**	**55.1**	**94**	**33**	**1.3**	**10**	**3.3**	**1.8**	**6.1**
DELTA KING DK9577	**50.9**	**54.5**	**93**	**34**	**1.3**	**13**	**5.4**	**1.8**	**6.1**
TERRAL TVX81170	49.2	53.8	98	34	1.4	15	1.7	1.2	6.1
Mean	**66.8**	**55.7**	**88**	**34**	**1.1**	**6**	**1**	**1.7**	**4.7**
CV%	**12**	**3**	**2**	**4**	**78**	**119**	**90**	**35**	**13**
LSD (0.10)	**8.2**	**1.7**	**2**	**1**	**0.9**	**9**	**1**	**NS**	**0.7**

Contains data from Baton Rouge, Crowley, and Jeanerette for 2007 and 2008.

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 South Louisiana for three years, 2006, 2007 and 2008.

Brand / variety	Grain Yield	Test Wt	Head Day	Plant Height	Lod-ging	Leaf Rust	Stem Rust	Sept oria	Pheno -type
	bu/a	lbs/bu	day of yr	in	0-9	%	0-9	0-9	0-9
AGS 2060	**79.6**	**58.5**	**77**	**37**	**1.8**	**0**	**0.0**	**2.0**	**3.6**
TERRAL LA482	**76.0**	**55.8**	**74**	**36**	**1.1**	**8**	**0.2**	**2.4**	**4.2**
AGRIPRO COKER MAGNOLIA	**73.9**	**55.9**	**80**	**34**	**0.9**	**9**	**0.0**	**2.8**	**4.5**
TERRAL LA841	**73.6**	**54.9**	**80**	**33**	**1.3**	**0**	**0.1**	**2.2**	**3.5**
DELTA KING DK9108	**71.4**	**55.6**	**81**	**37**	**1.1**	**8**	**2.0**	**1.8**	**4.3**
PIONEER 26R87	**70.6**	**58.5**	**87**	**33**	**1.2**	**6**	**0.0**	**1.2**	**4.4**
RAGAN&MASSEY LA95135	**69.7**	**56.6**	**87**	**36**	**1.7**	**0**	**0.6**	**1.4**	**4.1**
PIONEER 26R61	**69.1**	**57.3**	**81**	**35**	**0.9**	**4**	**0.6**	**1.8**	**3.7**
AGS 2010	**67.7**	**57.1**	**87**	**35**	**1.8**	**0**	**0.2**	**1.8**	**4.9**
USG 3295	**65.3**	**57.0**	**92**	**31**	**1.0**	**0**	**0.0**	**1.0**	**5.9**
USG 3209	**64.7**	**55.0**	**84**	**30**	**1.5**	**17**	**0.0**	**1.2**	**5.1**
AGRIPRO COKER 9553	**60.0**	**57.2**	**87**	**32**	**1.4**	**12**	**3.2**	**1.4**	**4.7**
TERRAL TV8558	**55.6**	**55.4**	**90**	**32**	**1.7**	**13**	**3.2**	**1.8**	**6.3**
DELTA KING DK9577	**54.8**	**55.0**	**89**	**33**	**1.6**	**15**	**4.7**	**1.8**	**6.2**
Mean	**68.0**	**56.4**	**84**	**34**	**1.3**	**7**	**1**	**1.8**	**4.7**
CV%	**10**	**2**	**2**	**4**	**63**	**122**	**95**	**39**	**13**
LSD (0.10)	**5.9**	**1.2**	**2**	**1**	**NS**	**7**	**1**	**NS**	**0.5**

Contains data from Baton Rouge, Crowley, and Jeanerette for 2006, 2007 and 2008.

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 4 . Wheat performance trial at Baton Rouge, LA for 2008 with two-year mean yields, sorted by 2-yr mean yields.

Brand / variety	Grain Yield 2008 bu/a	rnk	Grain Yield 2-Yr bu/a	Test Wt lbs/bu	Seed Qual 0-9	Head Day of yr	Plant Ht in	Lodging 0-9	Leaf Rust %	Septoria 0-9	Pheno-type 0-9	Bird Damage 0-9
LA99005UC-31-3	82.0	1	79.6	56.4	1.8	86	39	1.5	0	1.5	4.0	0.0
AGS 2060	**78.0**	3	**77.3**	**59.0**	**1.8**	**85**	**41**	**2.0**	**0**	**2.0**	**3.8**	**0.8**
LA978UC-36-1-1	71.4	6	74.2	55.2	3.0	86	36	0.8	0	2.5	4.3	0.0
AGS 2020	**69.6**	9	**73.4**	**57.7**	**2.0**	**89**	**40**	**3.5**	**0**	**2.5**	**4.5**	**0.3**
TERRAL LA841	**66.1**	18	**73.3**	**56.6**	**2.3**	**93**	**38**	**1.8**	**0**	**1.0**	**3.5**	**0.0**
TERRAL LA482	**67.9**	12	**73.0**	**55.7**	**2.5**	**83**	**40**	**1.8**	**20**	**3.0**	**5.0**	**1.5**
AGRIPRO COKER MAGNOLIA	**70.3**	8	**72.8**	**57.0**	**1.8**	**92**	**40**	**1.3**	**13**	**2.0**	**4.5**	**0.0**
RAGAN&MASSEY LA95135	**70.9**	7	**71.6**	**56.8**	**1.5**	**99**	**43**	**2.0**	**0**	**1.0**	**4.5**	**0.5**
LA98214D-14-1-2	66.6	16	71.4	57.9	1.3	89	40	4.0	0	1.5	3.8	0.0
LA98149BUB-3-4	64.3	21	70.8	57.5	2.5	94	37	1.0	2	2.5	4.8	0.0
COKER 9700	**69.2**	10	**70.7**	**58.0**	**1.8**	**90**	**36**	**0.8**	**1**	**2.0**	**4.0**	**0.0**
DELTA KING DK9108	**67.6**	13	**69.7**	**57.0**	**1.5**	**92**	**44**	**1.0**	**3**	**1.0**	**3.8**	**0.5**
PIONEER 26R61	**64.2**	22	**67.4**	**58.7**	**2.0**	**95**	**41**	**1.0**	**0**	**2.0**	**3.8**	**0.0**
AGS 2026	**59.6**	26	**65.9**	**55.5**	**2.5**	**99**	**35**	**2.8**	**0**	**1.0**	**4.8**	**1.3**
USG 3592	**58.4**	28	**65.5**	**50.8**	**2.8**	**105**	**39**	**2.8**	**0**	**1.0**	**5.0**	**0.5**
JAMESTOWN	**62.2**	24	**63.7**	**59.3**	**2.0**	**92**	**35**	**1.3**	**2**	**1.0**	**3.8**	**0.0**
AGS 2031	**63.7**	23	**63.3**	**57.3**	**1.8**	**105**	**35**	**1.3**	**0**	**1.0**	**4.5**	**0.5**
LA99120UC-60-1-4	48.1	34	59.3	55.1	3.3	91	35	6.0	70	2.0	5.3	1.0
USG 3555	**48.5**	33	**57.6**	**53.8**	**2.8**	**99**	**32**	**0.3**	**4**	**1.0**	**4.8**	**0.5**
USG 3295	**56.1**	29	**57.4**	**57.1**	**2.8**	**107**	**35**	**1.0**	**0**	**1.0**	**5.5**	**0.8**
AGS 2010	**49.1**	32	**57.1**	**56.8**	**3.0**	**104**	**42**	**3.8**	**0**	**1.0**	**5.0**	**1.5**
PIONEER 26R87	**42.8**	37	**56.9**	**58.0**	**2.8**	**104**	**36**	**2.0**	**8**	**1.5**	**5.0**	**0.3**
DELTA KING DK9577	**39.9**	39	**55.9**	**54.0**	**2.8**	**100**	**38**	**3.8**	**25**	**1.5**	**5.0**	**0.3**
AGRIPRO COKER 9553	**36.8**	40	**52.7**	**56.2**	**2.3**	**101**	**36**	**3.8**	**25**	**1.0**	**5.3**	**0.8**
TERRAL TV8558	**32.9**	45	**52.4**	**53.9**	**3.8**	**104**	**37**	**4.0**	**15**	**2.0**	**5.5**	**0.3**
USG 3209	**33.8**	44	**49.4**	**54.3**	**3.5**	**100**	**33**	**3.8**	**50**	**1.5**	**5.8**	**0.8**
TERRAL TVX81170	20.3	53	43.7	50.9	4.5	106	34	4.8	15	1.5	5.0	0.3
GA981622-5E35	79.6	2		58.8	1.3	90	41	1.0	0	1.0	4.3	0.0
GA981621-5E34	73.4	4		59.6	2.0	96	44	1.0	0	1.0	4.0	0.3
LA01138D-21	72.9	5		56.7	2.3	89	40	1.8	5	2.5	4.5	0.0
LA99164UC-53-1	68.9	11		54.0	2.0	85	40	1.5	1	2.5	4.3	1.0
DIXIE 427	**67.6**	14		**56.0**	**2.3**	**100**	**38**	**1.8**	**0**	**1.0**	**4.8**	**0.8**
TERRAL TVX85771	67.5	15		55.4	2.5	84	40	2.5	20	2.5	5.3	0.8
LA01113D-44	66.2	17		58.0	1.8	91	37	1.5	13	2.0	5.0	0.0
LA01138D-55	65.0	19		57.7	2.5	91	38	1.5	3	2.0	4.8	0.7
TX4A35	64.4	20		55.1	3.3	99	36	3.5	0	1.0	4.8	0.3
LA98064D-29-2-4	61.2	25		57.4	1.8	97	36	2.3	0	1.5	4.3	0.3
X3443	59.0	27		56.7	3.0	93	38	3.3	23	1.5	4.8	0.3
VA01W-205	51.3	30		55.9	3.0	107	31	0.8	0	1.0	5.5	0.8
PROGENY 1117	**50.0**	31		**56.5**	**1.8**	**93**	**40**	**6.3**	**68**	**1.5**	**5.3**	**0.5**
LA99042E-68	48.0	35		57.2	2.0	93	40	3.5	38	1.5	5.3	0.0
GA02603CT-7	47.2	36		55.6	2.0	87	36	5.5	70	2.5	5.8	0.3
USG 3342	**42.0**	38		**53.6**	**4.0**	**106**	**31**	**1.3**	**4**	**1.0**	**5.5**	**0.5**
USG 3350	**36.4**	41		**56.2**	**2.8**	**106**	**40**	**3.3**	**5**	**1.0**	**6.5**	**1.3**
DIXIE 454	**35.2**	42		**57.5**	**2.5**	**109**	**38**	**3.8**	**0**	**1.0**	**5.0**	**3.0**
PROGENY 185	**35.1**	43		**53.4**	**3.8**	**105**	**37**	**1.3**	**13**	**1.0**	**5.5**	**0.0**
HBK 3128	**32.0**	46		**55.0**	**3.8**	**109**	**37**	**4.0**	**13**	**1.0**	**5.8**	**1.0**
TERRAL TVX85089	31.4	47		53.8	4.3	108	37	4.0	5	1.0	5.5	0.5
USG 3665	**29.3**	48		**54.1**	**4.3**	**108**	**37**	**4.3**	**5**	**1.0**	**5.8**	**0.8**
PROGENY 145	**28.5**	49		**55.6**	**3.3**	**107**	**41**	**3.3**	**10**	**1.0**	**6.3**	**1.3**

Table 4 . Wheat performance trial at Baton Rouge, LA for 2008 with two-year mean yields, sorted by 2-yr mean yields.

Brand / variety	Grain Yield 2008	rnk	2-Yr	Test Wt	Seed Qual	Head Day	Plant Ht	Lodging	Leaf Rust	Septoria	Pheno-type	Bird Damage
	bu/a			lbs/bu	0-9	of yr	in	0-9	%	0-9	0-9	0-9
D04*9804	28.0	50		54.1	4.5	107	36	5.0	13	1.0	5.0	0.5
DELTA GROW 7400	**27.6**	51		**56.6**	**3.0**	**110**	**37**	**1.5**	**3**	**1.0**	**5.5**	**1.3**
PROGENY 166	**27.3**	52		**55.6**	**3.5**	**107**	**39**	**4.0**	**10**	**1.5**	**6.5**	**0.8**
PROGENY 122	**18.3**	54		**53.1**	**3.8**	**109**	**36**	**5.0**	**13**	**1.0**	**5.8**	**1.8**
PROGENY 127	**18.2**	55		**56.4**	**3.5**	**111**	**34**	**2.8**	**10**	**1.0**	**5.8**	**3.0**
MEAN	**52.5**		**68.6**	**56.0**	**2.7**	**98**	**37**	**2.6**	**11**	**1.5**	**4.9**	**0.6**
CV%	**10**		**9**	**4**	**23**	**1**	**3**	**45**	**74**	**29**	**9**	**136**
LSD (0.10)	**6.3**		**13.9**	**2.3**	**0.7**	**2**	**2**	**1.4**	**13**	**0.7**	**0.8**	**1.0**

Ben Hur Farm, Central Stations, Baton Rouge, LA. Steve Harrison, Kelly Arceneaux, and Glenn Schexnayder.

Cultural and Site: Planted 11/10/2007. Harvested 5/29/2008. 18-46-60 preplant + 90-0-0 topdres fertilizer. 0.40 Harmony X + 4.75 oz/aacre Osprey herbicide. Wet December and January. Late harvest due to late-heading entries resulted in lowered test weight of earlier lines.

NOTES: This test harvested late because of so many late-heading/maturing entries. As a result, birds damaged either very early or very late entries. Test weights of early entries were also lowered due to heavy rainfall after maturity (6"+).

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

Seed Quality is relative visual appearance of seed at harvest; 0 = excellent, 9 = very poor.

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

Table 5. Wheat performance trial at Crowley, LA for 2008 with two-year mean yields, sorted by 2-yr mean yields.

Brand / variety	Grain Yield 2008	rnk	Grain Yield 2-Yr	Test Wt	Head Day	Plant Ht	Lodging	Leaf Rust	Leaf Blotch	Pheno-type
	bu/a			lbs/bu	of yr	in	0-9	%	0-9	0-9
AGS 2060	**79.1**	**6**	**85.1**	**56.9**	**75**	**36**		**0**	**2.0**	**4.0**
LA99005UC-31-3	80.5	4	84.4	55.8	69	32		8	1.0	5.5
PIONEER 26R87	**64.5**	**28**	**79.4**	**57.4**	**91**	**33**		**8**	**1.0**	**6.0**
LA98214D-14-1-2	83.6	1	78.9	55.7	76	37	none	0	2.5	3.5
TERRAL LA482	**65.5**	**26**	**78.8**	**55.5**	**64**	**35**		**35**	**1.5**	**6.5**
RAGAN & MASSEY LA95135	**69.7**	15	**78.6**	**53.9**	**88**	**36**		**0**	**1.0**	**3.5**
LA978UC-36-1-1	71.3	11	78.0	54.4	71	34		3	1.5	5.0
AGS 2026	**68.6**	20	**77.7**	**54.4**	**87**	**33**		**0**	**1.0**	**4.5**
LA98149BUB-3-4	73.6	9	75.9	55.2	79	33		15	1.0	4.0
AGS 2020	**76.5**	**8**	**75.7**	**54.6**	**74**	**36**		**0**	**3.0**	**4.0**
AGS 2031	**70.5**	12	**75.5**	**57.7**	**91**	**31**		**0**	**1.0**	**6.5**
JAMESTOWN	**67.0**	22	**75.0**	**55.9**	**77**	**29**		**10**	**1.5**	**4.5**
USG 3555	**60.8**	32	**73.8**	**53.8**	**91**	**29**		**18**	**1.0**	**6.0**
TERRAL LA841	**70.4**	13	**73.7**	**52.5**	**80**	**33**		**3**	**1.0**	**3.5**
PIONEER 26R61	**69.9**	14	**73.5**	**56.9**	**82**	**34**		**8**	**1.0**	**4.0**
AGS 2010	**67.0**	21	**73.5**	**58.7**	**91**	**37**		**0**	**1.5**	**5.5**
USG 3295	**68.7**	19	**73.4**	**56.0**	**93**	**32**		**0**	**1.0**	**6.0**
AGRIPRO COKER 9700	**60.5**	**33**	**73.3**	**52.9**	**80**	**33**		**8**	**1.5**	**5.0**
USG 3592	**78.9**	**7**	**71.9**	**57.8**	**93**	**34**		**3**	**1.0**	**5.0**
DELTA KING DK9108	**61.0**	30	**71.3**	**53.4**	**81**	**36**		**30**	**1.5**	**5.5**
AGRIPRO COKER MAGNOLIA	**60.9**	31	**71.1**	**53.5**	**77**	**35**		**43**	**2.5**	**6.0**
USG 3209	**47.1**	44	**66.2**	**52.9**	**89**	**29**		**50**	**1.0**	**6.0**
LA99120UC-60-1-4	55.2	35	62.5	51.5	74	31		75	1.5	7.0
TERRAL TVX81170	42.4	**47**	61.6	50.8	92	31		53	1.0	7.0
TERRAL TV8558	**47.1**	45	**60.8**	**50.9**	**86**	**32**		**5**	**3.5**	**6.0**
AGRIPRO COKER 9553	**40.0**	49	**60.4**	**52.4**	**91**	**33**		**30**	**1.5**	**6.5**
DELTA KING DK9577	**47.6**	43	**56.9**	**50.4**	**85**	**32**		**8**	**2.5**	**6.5**
GA981621-5E34	82.6	2		57.8	87	38		0	1.0	3.0
LA01138D-21	82.4	3		53.1	75	36		3	3.5	5.5
GA981622-5E35	80.4	5		56.2	78	37		0	1.5	3.0
LA01138D-55	72.1	10		53.6	76	34		0	2.5	5.5
LA98064D-29-2-4	69.4	**16**		54.2	82	35		2	1.5	3.5
TX4A35	69.4	**17**		55.3	89	33		0	1.0	5.5
LA99164UC-53-1-C	69.2	**18**		54.7	70	35		5	1.0	6.0
LA01113D-44	66.7	23		54.5	76	34		33	1.5	6.0
DIXIE 454	**66.5**	24		**56.6**	**94**	**34**		**0**	**1.0**	**6.5**
VA01W-205	65.7	25		56.1	90	30		4	1.0	6.0
DIXIE 426	**64.7**	**27**		**52.2**	**81**	**35**		**8**	**1.0**	**5.0**
TERRAL TVX85771	61.5	29		54.6	64	34		28	2.0	7.0
X3443	60.0	34		54.8	80	32		45	2.5	7.0
LA99042E-68-C	54.2	**36**		53.8	79	37		60	1.0	5.0
USG 3342	**54.1**	**37**		**54.7**	**91**	**28**		**40**	**1.0**	**6.5**
GA02603CT-7	53.3	**38**		53.6	69	34		65	1.5	8.0
PROGENY 1117	**53.0**	39		**53.4**	**79**	**34**		**60**	**1.0**	**7.0**
PROGENY 185	**51.6**	40		**52.1**	**87**	**34**		**35**	**1.0**	**7.0**
DELTA GROW 7400	**49.9**	41		**55.0**	**95**	**33**		**4**	**1.0**	**6.0**
HBK 3128	**47.8**	42		**53.0**	**92**	**34**		**35**	**1.0**	**6.5**
TERRAL TVX85089	44.4	**46**		50.9	93	35		10	1.0	6.5
USG 3350	**40.9**	**48**		**52.6**	**90**	**37**		**5**	**1.0**	**6.5**
PROGENY 145	**39.2**	50		**51.8**	**90**	**37**		**13**	**2.0**	**6.5**

Table 5. Wheat performance trial at Crowley, LA for 2008 with two-year mean yields, sorted by 2-yr mean yields.

Brand / variety	Grain Yield 2008	rnk	Grain Yield 2-Yr	Test Wt	Head Day	Plant Ht	Lodging	Leaf Rust	Leaf Blotch	Pheno-type
	bu/a			lbs/bu	of yr	in	0-9	%	0-9	0-9
PROGENY 166	**36.9**	51		**52.9**	**90**	**35**		**1**	**1.0**	**5.5**
USG 3665	**36.7**	52		**52.2**	**90**	**31**		**10**	**1.5**	**7.5**
D04*9804	32.9	53		49.6	94	31		50	1.5	7.0
PROGENY 122	**29.5**	54		**49.0**	**94**	**34**		**6**	**1.0**	**7.0**
PROGENY 127	**22.3**	55			**97**	**32**		**10**	**1.0**	**8.0**
Mean	**60.1**		**72.9**	**54.1**	**84**	**34**		**17**	**1.5**	**5.7**
CV	**12**		**10**	**1**	**2**	**5**		**68**	**49**	**11**
LSD	**8.2**		**NS**	**0.9**	**2**	**2**		**20**	**1.2**	**1.0**

Rice Research Station, Crowley, LA. Dustin Harrell, Ron Regan, and James P. Leonards.

Cultural and Site: Crowley silt loam. Wheat previous crop. 14-43-43 preplant fertilizer. Conventional tillage. Planted 86 lbs seed/acre on 10/30/2007. 2.5oz/acre Sencor plus 0.4 oz/acre Amber herbicides on 12/5/2005. 174 lb urea topdress on 2/25/2008. Harvested 105 ft-square plots on 5/13/2008.

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.

Leaf Blotch is a combinaiton of septoria, xanthomonas, and other foliar diseases.

Table 6. Wheat performance trial at Jeanerette, LA for 2008 with two-year mean yields, sorted by 2-yr mean yields.

	Grain Yield			Test	Head	Plant	Lod	Leaf	Pheno
	2008	rnk	2-Yr	Wt	Day	Ht	ging	Rust	-type
Brand / variety		bu/a		lbs/bu	of yr	in	0-9	%	0-9
AGS 2060	**63.9**	**1**	**76.0**	**57.3**	**86**	**30**	**1.0**	**0**	**4.0**
LA99005UC-31-3	56.7	7	73.6	55.5	84	27	1.0	2	4.0
AGRIPRO COKER MAGNOLIA	**60.4**	**4**	**73.1**	**53.2**	**88**	**29**	**1.0**	**4**	**4.0**
AGS 2020	**50.5**	17	**72.6**	**51.8**	**87**	**29**	**1.0**	**0**	**3.5**
DELTA KING DK9108	**61.5**	**3**	**71.9**	**53.8**	**89**	**32**	**1.0**	**3**	**4.5**
LA98214D-14-1-2	49.8	19	71.5	54.1	87	30	1.0	0	4.0
TERRAL LA482	**42.0**	**33**	**71.2**	**54.4**	**84**	**29**	**1.0**	**7**	**4.5**
LA98149BUB-3-4	61.9	2	69.9	50.7	88	28	1.0	1	3.5
AGS 2026	**54.3**	**9**	**69.3**	**55.9**	**92**	**26**	**1.0**	**0**	**5.0**
USG 3209	**44.6**	**28**	**68.6**	**51.0**	**96**	**25**	**1.0**	**28**	**6.0**
AGS 2010	**47.0**	**21**	**68.3**	**53.9**	**94**	**30**	**1.0**	**0**	**5.0**
JAMESTOWN	**44.5**	29	**67.8**	**54.6**	**88**	**25**	**1.0**	**7**	**6.0**
AGRIPRO COKER 9700	**59.0**	**6**	**67.7**	**55.5**	**86**	**27**	**1.0**	**1**	**4.0**
LA978UC-36-1-1	52.0	14	66.9	55.0	88	25	1.0	0	4.0
PIONEER 26R87	**45.1**	**26**	**66.3**	**55.8**	**97**	**29**	**1.0**	**18**	**5.5**
TERRAL LA841	**46.6**	**24**	**65.9**	**52.7**	**88**	**26**	**1.0**	**0**	**4.0**
LA99120UC-60-1-4	52.1	**13**	65.8	52.4	87	25	1.0	30	5.0
PIONEER 26R61	**47.0**	22	**63.0**	**53.6**	**90**	**29**	**1.0**	**2**	**4.5**
USG 3592	**51.6**	**15**	**57.2**	**55.1**	**99**	**29**	**1.0**	**0**	**6.0**
USG 3555	**39.4**	37	**55.1**	**53.3**	**97**	**26**	**1.0**	**1**	**6.0**
USG 3295	**39.8**	**36**	**54.9**	**55.4**	**101**	**28**	**1.0**	**2**	**7.5**
RAGAN&MASSEY LA95135	**40.7**	**34**	**54.2**	**56.5**	**97**	**30**	**1.0**	**0**	**5.5**
AGRIPRO COKER 9553	**35.7**	40	**50.4**	**56.3**	**95**	**26**	**1.0**	**25**	**5.5**
AGS 2031	**26.8**	49	**48.6**	**56.7**	**101**	**26**	**1.0**	**0**	**7.5**
TERRAL TV8558	**38.2**	39	**44.2**	**56.8**	**98**	**27**	**1.0**	**30**	**7.0**
TERRAL TVX81170	20.4	**53**	42.4	56.5	107	26	1.0	15	7.5
DELTA KING DK9577	**30.4**	**43**	**40.0**	**55.3**	**98**	**29**	**1.0**	**35**	**7.0**
LA01113D-44	59.4	5		57.0	87	28	1.0	8	5.0
LA01138D-55	56.0	8		54.0	88	28	1.0	0	4.5
LA01138D-21	54.3	10		57.2	88	28	1.0	5	4.0
GA981621-5E34	53.3	**11**		51.8	95	31	1.0	0	4.5
TERRAL TVX85771	53.1	12		54.7	84	30	1.0	5	5.0
GA981622-5E35	50.8	16		56.2	87	30	1.0	0	5.0
LA98064D-29-2-4	50.2	**18**		53.3	90	27	1.0	3	5.0
LA99042E-68	48.8	20		56.0	88	31	1.0	45	6.5
VA01W-205	46.9	23		54.5	105	25	1.0	0	7.5
LA99164UC-53-1	46.1	25		53.1	84	28	1.0	0	4.0
X3443	44.9	27		56.4	89	26	1.0	13	6.0
DIXIE 427	**43.3**	30		**57.5**	**112**	**29**	**1.0**	**2**	**8.0**
PROGENY 1117	**42.9**	**31**		**56.3**	**89**	**29**	**1.0**	**18**	**6.5**
TX4A35	42.0	32		54.1	91	25	1.0	0	5.0
DIXIE 454	**39.8**	**35**		**53.6**	**112**	**28**	**1.0**	**1**	**8.0**
GA02603CT-7	38.8	**38**		54.8	84	27	1.0	25	7.0
USG 3350	**31.9**	**41**		**56.1**	**96**	**30**	**1.0**	**10**	**7.5**
TERRAL TVX85089	31.3	42		53.8	103	29	1.0	10	7.0
PROGENY 145	**29.6**	**44**		**55.8**	**102**	**30**	**1.0**	**5**	**8.0**
USG 3665	**28.0**	**45**		**55.1**	**104**	**28**	**1.0**	**15**	**8.0**
HBK 3128	**28.0**	46		**53.1**	**104**	**28**	**1.0**	**20**	**7.0**
PROGENY 166	**27.6**	47		**55.1**	**104**	**30**	**1.0**	**5**	**7.5**
PROGENY 185	**27.6**	**48**		**53.8**	**105**	**26**	**1.0**	**5**	**8.0**

Table 6. Wheat performance trial at Jeanerette, LA for 2008 with two-year mean yields, sorted by 2-yr mean yields.

Brand / variety	Grain Yield 2008	rnk	Grain Yield 2-Yr	Test Wt	Head Day	Plant Ht	Lodging	Leaf Rust	Pheno-type
	bu/a			lbs/bu	of yr	in	0-9	%	0-9
USG 3342	**26.2**	50		**57.1**	**111**	**23**	**1.0**	**8**	**8.0**
DELTA GROW 7400	**22.8**	**51**		**55.7**	**112**	**28**	**1.0**	**33**	**8.0**
D04*9804	21.8	52		52.2	101	28	1.0	35	7.0
PROGENY 122	**17.6**	**54**		**52.9**	**108**	**29**	**1.0**	**13**	**8.0**
PROGENY 127	**16.9**	**55**		**55.0**	**114**	**27**	**1.0**	**10**	**8.0**
Mean	**42.4**		**62.8**	**54.7**	**95**	**28**	**1.0**	**9**	**5.9**
CV%	**20**		**16**	**4**	**2**	**6**	**0**	**97**	**12**
LSD (0.10)	**9.9**		**14.4**	**2.8**	**2**	**2**	**0.0**	**15**	**1.1**

Iberia Research Station, Jeanerette, LA. Gregory Williams and Sonny Viator.

Cultural and Site: Baldwin silt loam. Planted 11/15/07. Fertilizer: 25-0-0 as urea on 12/13/07, 85-0-0 topdress on 2/25/2008. Osprey herbicide at 4.75 oz/acre applied on 12/17/2007. Harvested on 5/27/2008.

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.

Leaf Blotch is a combinaiton of septoria, xanthomonas, and other foliar diseases.

Table 7. 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 %	Bacteria 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 7. 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 %	Bacteria 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 8. Wheat performance trial across North 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 %	Bac teria 0-9	Pheno type 0-9
AGS 2060	**77.3**	**60.1**	**87**	**43**	**0.1**	**0**	**1.9**	**3.8**
USG 3555	**77.2**	**56.6**	**94**	**35**	**0.1**	**2**	**0.0**	**4.2**
LA978UC-36-1-1	76.6	58.0	87	36	0.1	0	1.6	2.9
USG 3295	**76.4**	**58.5**	**94**	**37**	**0.4**	**0**	**0.0**	**4.6**
RAGAN&MASSEY LA95135	**75.3**	**57.9**	**92**	**42**	**0.9**	**0**	**0.4**	**3.4**
PIONEER 26R87	**74.8**	**60.4**	**93**	**37**	**0.0**	**12**	**0.0**	**4.4**
USG 3592	**74.8**	**58.9**	**96**	**41**	**2.6**	**0**	**0.0**	**4.2**
AGS 2026	**74.1**	**58.4**	**92**	**36**	**3.0**	**5**	**0.0**	**3.4**
TERRAL LA841	**73.9**	**57.9**	**89**	**39**	**0.4**	**0**	**0.0**	**3.4**
LA98149BUB-3-4	73.8	58.8	91	38	0.0	7	0.9	3.2
AGRIPRO COKER MAGNOLIA **	**73.5**	**58.3**	**90**	**39**	**0.0**	**14**	**1.5**	**3.4**
LA99005UC-31-3	73.4	58.1	85	37	0.0	1	1.0	3.7
AGS 2031	**73.4**	**58.9**	**93**	**37**	**0.5**	**0**	**0.0**	**4.5**
JAMESTOWN	**73.3**	**60.0**	**88**	**36**	**0.3**	**9**	**2.3**	**3.4**
LA98214D-14-1-2	72.8	58.5	86	40	0.3	0	0.2	3.2
DELTA KING GR9108	**72.7**	**57.9**	**90**	**42**	**0.5**	**3**	**0.0**	**4.2**
AGRIPRO COKER 9700	**72.1**	**59.3**	**88**	**36**	**0.4**	**5**	**0.0**	**3.7**
TERRAL TV8466	**69.8**	**56.7**	**97**	**39**	**0.4**	**12**	**0.1**	**5.3**
AGRIPRO COKER 9553	**69.2**	**59.1**	**93**	**38**	**0.4**	**13**	**0.1**	**3.7**
TERRAL TV8558	**69.1**	**56.3**	**95**	**38**	**0.4**	**23**	**0.0**	**4.3**
USG 3209	**68.7**	**57.5**	**91**	**36**	**0.6**	**18**	**1.5**	**4.5**
AGS 2020	**68.6**	**59.0**	**88**	**40**	**1.2**	**1**	**0.5**	**3.2**
LA99120UC-60-1-4	68.4	57.4	91	35	0.8	19	0.3	3.7
AGS 2010	**67.4**	**59.3**	**93**	**40**	**0.7**	**0**	**0.6**	**4.3**
AGRIPRO COKER/BERETTA	**67.4**	**55.8**	**96**	**39**	**0.4**	**1**	**0.1**	**5.3**
PIONEER 26R61	**67.3**	**59.8**	**91**	**41**	**0.0**	**2**	**0.8**	**3.7**
DELTA KING 9577	**67.2**	**56.6**	**95**	**38**	**1.0**	**29**	**0.0**	**4.9**
TERRAL TVX81170	65.6	55.3	97	39	0.6	16	0.0	5.3
CROPLAN 8302	**64.8**	**56.6**	**98**	**37**	**0.9**	**18**	**0.0**	**4.0**
DIXIE 989	**63.8**	**55.7**	**99**	**39**	**0.9**	**19**	**0.0**	**4.6**
TERRAL LA482	**62.7**	**57.8**	**85**	**41**	**0.2**	**22**	**2.9**	**4.5**
DELTA GROW 1600	**59.2**	**55.3**	**99**	**39**	**0.9**	**26**	**0.0**	**5.3**
Mean	**70.7**	**58.0**	**92**	**38**	**0.6**	**9**	**0.5**	**41.0**
CV%	**12**	**2**	**2**	**6**	**163**	**107**	**144**	**17**
LSD (0.10)	**6.9**	**1.0**	**1**	**1**	**1.0**	**13**	**NS**	**1.0**

Contains data from Winnsboro for 2007 from Alexandria, St. Joseph, and Winnsboro, and from Alexandria, Bossier City, St. Joseph, and Winnsboro for 2008.

** Magnolia was missing from the 2008 Winnsboro test, which was the highest-yield location and added 2.2 bu/acre to the mean of each entry, on average.

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

NS indicates that differences are not statistically significant due to large changes in relative performance across trials.

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 for three years, 2006, 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 %	Stripe Rust %	Bac teria 0-9	Pheno type 0-9
AGS 2060	**78.8**	**60.1**	**87**	**43**	**0.6**	**0**	**0**	**1.9**	**3.9**
AGRIPRO COKER MAGNOLIA	**78.3**	**58.2**	**90**	**40**	**0.1**	**12**	**1**	**1.5**	**3.6**
USG 3295	**78.2**	**58.4**	**93**	**37**	**0.5**	**0**	**1**	**0.0**	**4.6**
PIONEER 26R87	**77.3**	**60.2**	**92**	**38**	**0.4**	**11**	**1**	**0.0**	**4.3**
RAGAN&MASSEY LA95135	**76.8**	**58.0**	**92**	**42**	**1.1**	**0**	**0**	**0.4**	**3.5**
TERRAL LA841	**75.9**	**57.8**	**89**	**39**	**0.7**	**0**	**0**	**0.0**	**3.3**
DELTA KING dk9108	**75.7**	**57.7**	**90**	**42**	**0.7**	**3**	**0**	**0.0**	**4.1**
AGRIPRO COKER 9553	**73.0**	**58.9**	**92**	**38**	**0.6**	**11**	**0**	**0.1**	**3.6**
TERRAL TV8466	**72.4**	**56.4**	**97**	**39**	**0.4**	**10**	**0**	**0.1**	**5.5**
TERRAL TV8558	**71.4**	**56.3**	**95**	**38**	**0.5**	**20**	**2**	**0.0**	**4.6**
PIONEER 26R61	**71.1**	**59.6**	**90**	**41**	**0.4**	**2**	**1**	**0.8**	**3.7**
AGRIPRO COKER/BERETTA	**70.3**	**55.3**	**95**	**38**	**0.4**	**1**	**2**	**0.1**	**5.6**
DELTA KING dk9577	**70.3**	**56.7**	**95**	**38**	**1.0**	**26**	**2**	**0.0**	**5.1**
AGS 2010	**69.6**	**59.1**	**92**	**41**	**1.3**	**0**	**0**	**0.6**	**4.3**
CROPLAN 8302	**69.4**	**56.5**	**98**	**37**	**1.2**	**16**	**0**	**0.0**	**4.4**
USG 3209	**68.7**	**57.5**	**91**	**36**	**0.8**	**16**	**5**	**1.5**	**4.8**
TERRAL LA482	**68.6**	**57.5**	**85**	**41**	**0.6**	**19**	**1**	**2.9**	**4.2**
DIXIE 989	**66.0**	**55.4**	**98**	**39**	**0.9**	**17**	**2**	**0.0**	**5.0**
DELTA GROW 1600	**61.8**	**55.1**	**99**	**39**	**0.9**	**24**	**2**	**0.0**	**5.5**
Mean	**72.2**	**57.6**	**93**	**39**	**0.7**	**10**	**1**	**0.5**	**4.4**
CV%	**11**	**2**	**2**	**6**	**142**	**104**	**55**	**2**	**14**
LSD (0.10)	**6.1**	**1.0**	**1**	**1**	**NS**	**13**	**NS**	**NS**	**0.9**

Contains data from Winnsboro for 2006, Alexandria, St. Joseph, and Winnsboro for 2007, and Alexandria, Bossier City, St. Joseph, and Winnsboro for 2008.

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

NS indicates that differences ar not statistically significant due to large changes in relative performance across trials.

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

Table 10. Wheat performance trial at Alexandria, LA for 2008, with two-year mean yields, sorted by two-year mean yields.

	GrainYield			Test	Head	Plant	Leaf	Bacterial
	2008	rnk	2-yr	Wt	Day	Height	Rust	Streak
Brand / variety	bu/a			lbs/bu	of yr	in	%	0-9
JAMESTOWN	**61.7**	7	**73.5**	**60.5**	**94**	**34**	**0**	**1.0**
AGS 2060	**69.3**	1	**71.0**	**61.1**	**90**	**40**	**0**	**0.0**
AGS 2031	**59.9**	11	**71.0**	**60.1**	**98**	**38**	**0**	**0.0**
USG 3592	**61.4**	8	**70.1**	**60.8**	**102**	**41**	**0**	**0.0**
AGRIPRO COKER/MAGNOLIA	**56.4**	18	**70.0**	**59.0**	**96**	**38**	**6**	**0.0**
LA978UC-36-1-1	62.3	5	69.6	58.9	90	35	0	0.0
USG 3295	**59.5**	12	**69.6**	**60.3**	**99**	**37**	**0**	**0.0**
PIONEER 26R87	**65.1**	3	**68.7**	**62.0**	**98**	**37**	**0**	**0.0**
TERRAL LA841	**54.9**	21	**68.3**	**58.6**	**94**	**38**	**0**	**0.0**
COKER 9700	**57.8**	14	**68.1**	**59.7**	**94**	**34**	**0**	**0.0**
LA98214D-14-1-2	48.6	38	67.7	59.6	92	41	1	0.0
RAGAN&MASSEY LA95135	**64.0**	4	**67.4**	**59.2**	**96**	**41**	**0**	**0.0**
AGRIPRO COKER 9553	**53.3**	26	**66.4**	**59.5**	**98**	**34**	**3**	**0.0**
LA98149BUB-3-4	57.3	15	66.0	59.8	95	37	1	1.0
DELTA KING DK9108	**67.9**	2	**65.8**	**58.8**	**95**	**39**	**0**	**0.0**
AGS 2026	**54.0**	23	**64.8**	**57.7**	**98**	**34**	**0**	**0.0**
USG 3209	**47.2**	40	**64.3**	**56.7**	**96**	**34**	**10**	**0.0**
TERRAL TV8466	**56.7**	17	**63.8**	**57.3**	**101**	**37**	**1**	**0.0**
AGS 2020	**41.4**	49	**63.7**	**60.1**	**94**	**38**	**0**	**0.0**
LA99120UC-60-1-4	56.3	19	63.6	57.7	95	32	0	0.0
VA01W-205	60.5	9	63.3	58.6	100	31	0	0.0
TERRAL TV8558	**42.1**	47	**60.9**	**54.2**	**100**	**36**	**15**	**0.0**
PIONEER 26R61	**54.5**	22	**60.1**	**61.4**	**97**	**40**	**1**	**0.0**
DELTA KING DK9577	**41.8**	48	**57.6**	**56.6**	**100**	**37**	**13**	**0.0**
LA99005UC-31-3	49.1	37	57.1	58.5	88	37	0	0.0
AGS 2010	**50.6**	31	**57.0**	**59.9**	**98**	**39**	**0**	**0.0**
TERRAL TVX81170	34.0	53	56.4	53.9	104	34	4	0.0
CROPLAN 8302	**37.6**	50	**54.8**	**57.0**	**104**	**36**	**20**	**0.0**
AGRIPRO COKER/BERETTA	**33.4**	55	**52.9**	**52.5**	**103**	**36**	**1**	**0.0**
DELTA GROW 1600	**33.2**	56	**51.5**	**53.0**	**105**	**38**	**1**	**0.0**
DIXIE 989	**32.7**	57	**51.5**	**54.3**	**104**	**38**	**1**	**0.0**
TERRAL LA482	**43.6**	46	**44.1**	**58.5**	**89**	**40**	**5**	**1.0**
LA98064D-29-2-4	62.1	6		59.6	96	37	1	0.0
DIXIE 427	**60.1**	10		**57.0**	**98**	**35**	**0**	**0.0**
USG 3555	**59.1**	13		**57.2**	**98**	**32**	**0**	**0.0**
LA01113D-44	56.9	16		60.0	93	39	8	0.0
PROGENY 166	**55.7**	20		**59.4**	**102**	**41**	**3**	**0.0**
GA981622-5E35	53.3	24		61.2	92	42	0	0.0
PROGENY 1117	**53.3**	25		**57.9**	**95**	**39**	**5**	**0.0**
X3443	53.2	27		57.6	97	37	10	0.0
LA01138D-21	52.3	28		58.3	94	40	0	0.0
USG 3342	**52.3**	29		**59.1**	**102**	**32**	**3**	**0.0**
DIXIE 454	**51.6**	30		**58.2**	**104**	**41**	**1**	**0.0**
LA01138D-55	50.3	32		58.1	95	41	0	1.0
TX4A35	50.2	33		58.0	97	35	0	0.0

Table 10. Wheat performance trial at Alexandria, LA for 2008, with two-year mean yields, sorted by two-year mean yields.

Brand / variety	GrainYield 2008	rnk	GrainYield 2-yr	Test Wt	Head Day	Plant Height	Leaf Rust	Bacterial Streak
	bu/a			lbs/bu	of yr	in	%	0-9
PROGENY 185	**49.8**	34		**55.2**	**101**	**36**	**1**	**0.0**
GA02603CT-7	49.8	35		58.6	89	34	45	0.0
HBK 3128	**49.6**	36		**58.5**	**105**	**39**	**1**	**0.0**
LA99042E-68	47.5	39		60.3	94	39	10	0.0
TERRAL TVX85089	47.1	41		56.2	102	40	0	0.0
GA981621-5E34	46.8	42		58.1	99	41	0	1.0
TERRAL TVX85771	46.1	43		58.3	87	40	18	0.0
PROGENY 145	**45.3**	44		**58.2**	**102**	**40**	**1**	**0.0**
USG 3350	**44.6**	45		**58.4**	**98**	**41**	**2**	**0.0**
USG 3665	**36.5**	51		**55.1**	**104**	**40**	**2**	**0.0**
D03*9804	36.1	52		57.2	101	35	6	0.0
LA99164UC-53-1	33.9	54		57.5	87	39	0	0.0
PROGENY 122	**31.2**	58		**54.6**	**108**	**38**	**3**	**0.0**
DELTA GROW 7400	**24.1**	59		**57.0**	**109**	**41**	**1**	**0.0**
PROGENY 127	**19.5**	60		**54.5**	**108**	**38**	**5**	**0.0**
MEAN	**49.7**		**62.8**	**58.3**	**98**	**37**	**3**	**0.1**
CV%	**22**		**15**	**2**	**2**	**4**	**107**	**493**
LSD (0.10)	**13.1**		**NS**	**1.3**	**2**	**2**	**6**	**1**

Dean Lee Research Station, Alexandria, LA.

Cultural and Site: Previous crop was soybean. Planted 11/8/2007. Harvested 5/22/2008. 63-0-0 N as urea on 2/11/08 and 63-0-0 N on 2/19/08

Note: This location has a high Coefficient of Variation (CV%) indicating higher levels of unexplained (random) variation and less reliability of the data. Differences among 2-year mean yields are not significant.

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

NS indictaes non-significant differences among varieties

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Table 11. Wheat performance trial at Bossier City, LA for 2008.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9
VA01W-205	82.2	59.2	97	32	4.0
DIXIE 427	**78.0**	**58.0**	**99**	**36**	**4.0**
USG 3555	**77.1**	**55.9**	**95**	**33**	**0.5**
DELTA KING DK9108	**75.1**	**57.2**	**94**	**38**	**2.5**
AGS 2060	**74.6**	**61.1**	**91**	**38**	**0.0**
USG 3295	**72.9**	**59.3**	**94**	**35**	**1.5**
PIONEER 26R87	**72.4**	**61.1**	**93**	**35**	**0.0**
DIXIE 454	**71.5**	**60.1**	**102**	**38**	**1.5**
USG 3209	**70.2**	**57.3**	**93**	**37**	**2.0**
GA-981621-5E34	70.0	59.0	98	40	0.0
COKER 9700	**70.0**	**60.0**	**90**	**34**	**2.0**
LA01138D-55	69.1	59.0	94	36	1.0
TERRAL TVX85089	68.6	56.9	98	38	3.0
LA978UC-36-1-1-B	67.5	57.5	93	35	0.5
AGS 2031	**67.4**	**58.7**	**93**	**32**	**2.5**
LA95135	**66.9**	**59.2**	**95**	**39**	**3.5**
USG 3592	**66.9**	**60.1**	**97**	**37**	**2.5**
TERRAL TV8466	**66.1**	**57.1**	**98**	**36**	**0.0**
GA-981622-5E35	66.0	59.0	91	39	0.0
USG 3665	**65.9**	**57.6**	**99**	**37**	**2.0**
USG 3342	**64.7**	**58.5**	**98**	**34**	**1.0**
TERRAL TV8558	**63.8**	**57.2**	**98**	**37**	**0.5**
TERRAL LA841	**63.8**	**57.7**	**91**	**35**	**0.5**
PROGENY 185	**63.7**	**56.8**	**99**	**39**	**0.0**
AGRIPRO COKER MAGNOLIA	**63.3**	**58.6**	**94**	**38**	**0.0**
X3443	63.0	57.8	94	32	4.5
HBK 3128	**62.6**	**58.8**	**98**	**35**	**2.5**
JAMESTOWN	**62.3**	**58.8**	**91**	**33**	**0.0**
DIXIE 989	**62.1**	**58.1**	**99**	**38**	**2.0**
LA01113D-44	62.1	57.9	90	32	1.5
PROGENY 145	**61.9**	**58.6**	**100**	**41**	**0.5**
TERRAL TVX81170	61.5	55.5	99	36	0.5
LA98149BUB-3-4-B	61.2	58.7	96	37	0.0
PROGENY 1117	**61.0**	**57.0**	**94**	**37**	**3.5**
PROGENY 166	**60.9**	**59.2**	**101**	**44**	**0.0**
DELTA KING DK9577	**60.8**	**56.1**	**97**	**36**	**2.5**
LA99005UC-31-3-C	60.3	57.5	91	34	0.0
LA99120UC-60-1-4-B	59.7	58.3	96	34	0.0
D03*9804	59.6	58.9	98	34	1.5
AGS 2020	**59.3**	**57.7**	**91**	**38**	**0.5**
AGRIPRO COKER 9553	**59.1**	**59.3**	**94**	**34**	**0.5**
LA98214D-14-1-2-B	58.2	57.5	89	37	1.0
AGS 2026	**57.7**	**57.2**	**91**	**34**	**4.5**
AGRIPRO COKER BERETTA	**57.5**	**57.8**	**97**	**38**	**2.0**
AGS 2010	**57.3**	**58.3**	**92**	**37**	**2.0**
TERRAL TVX85771	57.0	57.4	91	40	1.0

Table 11. Wheat performance trial at Bossier City, LA for 2008.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9
VA01W-205	82.2	59.2	97	32	4.0
USG 3350	**55.3**	**58.7**	**97**	**41**	**0.5**
LA01138D-21	55.2	56.4	92	38	0.5
TX4A35	55.0	56.2	92	33	1.5
LA99164UC-53-1-C	54.9	55.5	100	35	0.5
PIONEER 26R61	**53.9**	**59.2**	**93**	**38**	**0.0**
LA98064D-29-2-4-C	53.2	56.1	93	36	0.5
DELTA GROW 1600	**51.8**	**57.3**	**99**	**38**	**2.0**
TERRAL LA482	**51.3**	**56.2**	**91**	**37**	**0.0**
CROPLAN 8302	**49.2**	**57.2**	**100**	**35**	**2.0**
LA99042E-68-C	48.8	57.8	91	37	1.0
PROGENY 122	**48.4**	**57.0**	**101**	**40**	**3.5**
PROGENY 127	**47.8**	**56.5**	**102**	**39**	**0.5**
DELTA GROW 7400	**43.2**	**59.8**	**104**	**40**	**2.0**
GA-02603CT-7	40.6	55.1	91	32	1.5
Mean	**62.1**	**58.0**	**95**	**36**	**1.4**
CV%	**12**	**2**	**3**	**4**	**143**
LSD(0.10)	**9.1**	**1.2**	**4**	**3**	**NS**

Red River Research Station, Bossier City, LA. Jim Hayes and Pat Colyer.

Cultural and Site: Planted: Nov 20, 2007. Harvested: May 27, 2008. Fertilizer: 40-0-0 on 2/11/08 and 60-0-0 on 3/18/2008. Herbicides: 4.75 oz Osprey.

Notes: Some ryegrass problems. No disease notes taken.

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

NS indictaes non-significant differences among varieties

LSU AgCenter Research & Extension

Table 12. Wheat performance trial at St. Joseph, LA for 2008.

Brand / variety	Grain Yield 2008	rnk	2-Yr	Test Wt	Head Day	Plant Height	Lodging	Leaf Rust	Bacteria
	bu/a			lbs/bu	of yr	in	0-9	%	0-9
USG 3295	**89.1**	1	**83.2**	**57.1**	**94**	**41**	**0**	**0**	**0.0**
USG 3555	**87.8**	3	**81.3**	**55.7**	**93**	**37**	**0**	**6**	**0.0**
AGS 2031	**83.9**	4	**79.7**	**57.6**	**94**	**42**	**0**	**0**	**0.0**
RAGAN&MASSEY LA95135	**79.1**	8	**78.3**	**55.3**	**92**	**43**	**1**	**0**	**0.5**
PIONEER 26R87	**78.2**	9	**75.8**	**58.1**	**93**	**40**	**0**	**43**	**0.0**
TERRAL TV8558	**68.0**	34	**75.2**	**55.0**	**94**	**41**	**1**	**64**	**0.0**
AGS 2060	**77.7**	12	**74.9**	**59.3**	**85**	**45**	**0**	**0**	**0.0**
USG 3592	**68.1**	33	**74.7**	**56.6**	**99**	**41**	**5**	**0**	**0.0**
AGS 2026	**69.6**	29	**74.0**	**56.6**	**93**	**37**	**6**	**19**	**0.0**
AGRIPRO COKER/MAGNOLIA	**71.0**	24	**73.9**	**57.0**	**89**	**40**	**0**	**38**	**0.0**
AGS 2010	**71.3**	21	**73.8**	**60.0**	**94**	**41**	**1**	**1**	**0.8**
LA98149BUB-3-4	72.7	16	73.6	57.7	90	41	0	24	0.5
AGRIPRO COKER 9553	**68.3**	32	**73.0**	**57.6**	**92**	**41**	**1**	**40**	**0.0**
TERRAL TV8466	**71.7**	19	**72.9**	**54.6**	**96**	**40**	**0**	**35**	**0.0**
PIONEER 26R61	**71.2**	23	**71.9**	**58.0**	**90**	**44**	**0**	**6**	**0.0**
TERRAL LA841	**71.5**	20	**71.6**	**57.1**	**90**	**42**	**1**	**1**	**0.0**
LA99120UC-60-1-4	67.2	35	71.6	55.9	88	38	1	53	0.0
TERRAL TVX81170	70.3	28	71.2	52.9	99	39	1	46	0.0
DELTA KING DK9577	**60.7**	47	**70.2**	**53.5**	**95**	**41**	**2**	**79**	**0.0**
LA978UC-36-1-1	69.4	30	69.7	56.9	86	40	0	0	0.8
AGRIPRO COKER/BERETTA	**71.2**	22	**69.5**	**56.6**	**95**	**41**	**0**	**3**	**0.0**
LA99005UC-31-3	66.6	38	69.5	56.1	83	40	0	3	0.0
DELTA KING DK9108	**66.8**	36	**69.1**	**57.7**	**89**	**43**	**0**	**10**	**0.0**
DIXIE 989	**62.4**	44	**67.1**	**53.7**	**98**	**39**	**2**	**55**	**0.0**
USG 3209	**62.3**	45	**66.8**	**56.4**	**93**	**39**	**0**	**53**	**0.0**
CROPLAN 8302	**66.0**	40	**66.7**	**55.6**	**98**	**39**	**2**	**51**	**0.0**
LA98214D-14-1-2	66.7	37	64.9	57.0	88	41	0	0	0.5
COKER 9700	**70.7**	27	**64.7**	**57.9**	**88**	**38**	**0**	**17**	**0.0**
JAMESTOWN	**76.0**	13	**63.6**	**59.7**	**90**	**39**	**1**	**26**	**0.0**
AGS 2020	**64.3**	43	**61.6**	**57.8**	**87**	**42**	**0**	**2**	**0.0**
DELTA GROW 1600	**52.1**	57	**61.0**	**53.2**	**98**	**42**	**1**	**79**	**0.0**
TERRAL LA482	**52.9**	56	**60.2**	**57.3**	**84**	**41**	**0**	**66**	**0.0**
GA981621-5E34	87.8	2		58.1	92	44	0	0	0.0
VA01W-205	83.0	5		56.6	94	34	0	1	0.0
DIXIE 454	**81.7**	6		**58.4**	**98**	**44**	**0**	**0**	**0.0**
GA981622-5E35	81.1	7		57.6	88	42	0	0	0.0
TX4A35	78.2	10		56.5	92	41	3	0	0.0
DIXIE 427	**78.1**	11		**56.6**	**95**	**39**	**5**	**5**	**0.0**
LA01113D-44	74.7	14		57.9	86	39	1	54	0.0
DELTA GROW 7400	**73.6**	15		**57.3**	**100**	**46**	**0**	**1**	**0.0**
LA98064D-29-2-4	72.3	17		58.5	91	41	1	29	1.0
LA01138D-21	71.9	18		57.1	89	44	1	21	2.3
PROGENY 1117	**71.0**	25		**56.5**	**91**	**41**	**1**	**59**	**0.0**
LA01138D-55	70.8	26		57.7	89	42	1	16	1.5
X3443	68.7	31		56.0	90	42	2	65	0.0

Table 12. Wheat performance trial at St. Joseph, LA for 2008.

Brand / variety	Grain Yield 2008	rnk	Grain Yield 2-Yr	Test Wt	Head Day	Plant Height	Lodging	Leaf Rust	Bacteria
				lbs/bu	of yr	in	0-9	%	0-9
TERRAL TVX85089	66.5	39		54.5	99	40	1	19	0.0
PROGENY 185	**65.2**	41		**55.7**	**96**	**42**	**0**	**44**	**0.0**
USG 3342	**64.8**	42		**57.6**	**98**	**39**	**0**	**7**	**0.0**
USG 3350	**61.3**	46		**56.9**	**94**	**42**	**1**	**46**	**0.0**
USG 3665	**59.2**	48		**53.6**	**98**	**40**	**2**	**59**	**0.0**
PROGENY 145	**59.2**	49		**56.5**	**96**	**41**	**1**	**60**	**0.0**
LA99042E-68-C	59.2	50		57.4	89	46	0	80	0.0
LA99164UC-53-1-C	56.5	51		56.9	85	40	0	13	1.0
GA-02603CT-7	55.3	52		56.7	85	41	2	98	0.0
HBK 3128	**55.0**	53		**54.4**	**98**	**43**	**2**	**71**	**0.0**
D03*9804	54.3	54		54.8	97	40	3	75	0.0
PROGENY 166	**53.0**	55		**55.9**	**99**	**41**	**1**	**55**	**0.0**
PROGENY 122	**43.9**	58		**52.0**	**100**	**41**	**1**	**64**	**0.0**
PROGENY 127	**34.1**	59		**52.7**	**101**	**42**	**1**	**58**	**0.0**
TERRAL TVX85771 ***	32.1	60		56.2	81	42	0	45	0.0
Mean	**67.9**		**71.2**	**56.5**	**92**	**41**	**1**	**31**	**0.1**
CV%	**10**		**11**	**2**	**1**	**7**	**157**	**50**	**376**
LSD (0.10)	**8.5**		**NS**	**1.4**	**2**	**4**	**2**	**18**	**0.6**

Northeast Research Station, St. Joseph, LA. Rick Mascagni, Bubba Bell, and Boyd Padgett.

Cultural and Site: Planted: Nov 6, 2007. Commerce silt loam, fallow previous. Harvested: May 27, 2008. Fertilizer: 90-0-0 on 2/15/08. Herbicides: 2 oz/acre Sencor on 12/6/2007 & 4.75 oz Osprey on 12/12/2007.

***** This entry headed very early and was severely bird-damaged in all four reps.**

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

NS indicates non-significant differences among varieties

Table 13. Wheat performance trial at Winnsboro, LA for 2008.

Brand / variety	Grain Yield 2008	rnk	2-Yr	Test Wt	Head Day	Plant Height	Lodging	Leaf Rust	Stripe Rust	Pheno type
	bu/a			lbs/bu	of yr	in	0-9	%	%	0-9
LA99005UC-31-3	106.5	1	100.3	58.8	87	38	0	1	0	3.5
LA978UC-36-1-1	96.8	4	94.9	57.4	89	35	0	0	0	3.0
AGS 2020	**96.7**	5	**94.5**	**58.8**	**90**	**41**	**4**	**0**	**0**	**4.0**
LA98214D-14-1-2	92.2	12	92.5	58.6	90	41	0	0	0	3.5
AGS 2026	**95.6**	7	**91.8**	**59.5**	**95**	**40**	**3**	**0**	**0**	**4.5**
USG 3592	**88.5**	19	**89.1**	**60.2**	**102**	**41**	**3**	**0**	**1**	**5.0**
TERRAL LA482	**93.3**	10	**88.9**	**57.8**	**87**	**42**	**1**	**15**	**2**	**5.0**
AGS 2060	**95.2**	8	**88.6**	**59.3**	**89**	**44**	**0**	**0**	**0**	**3.5**
JAMESTOWN	**91.7**	13	**88.5**	**61.0**	**93**	**38**	**0**	**11**	**0**	**4.0**
LA98149BUB-3-4	86.5	26	88.0	59.0	93	41	0	1	0	4.0
TERRAL LA841	**81.9**	34	**86.1**	**58.2**	**94**	**41**	**1**	**0**	**0**	**3.0**
AGRIPRO COKER 9700	**90.6**	15	**84.7**	**59.8**	**91**	**38**	**0**	**0**	**0**	**3.5**
AGRIPRO COKER BERETTA	**85.6**	27	**84.6**	**57.9**	**101**	**40**	**1**	**1**	**1**	**6.5**
RAGAN&MASSEY LA95135	**88.4**	21	**84.4**	**59.9**	**94**	**42**	**1**	**0**	**0**	**3.5**
DELTA KING dk9108	**84.7**	31	**81.5**	**57.8**	**92**	**46**	**1**	**1**	**0**	**3.5**
PIONEER 26R87	**87.6**	23	**81.2**	**61.2**	**98**	**38**	**0**	**1**	**2**	**5.0**
USG 3555	**89.3**	18	**80.8**	**58.0**	**97**	**37**	**0**	**2**	**0**	**5.5**
CROPLAN 8302	**80.5**	37	**80.8**	**58.3**	**101**	**38**	**0**	**4**	**0**	**4.5**
USG 3295	**83.0**	33	**77.6**	**59.1**	**99**	**36**	**0**	**0**	**0**	**5.5**
AGS 2010	**81.1**	36	**76.6**	**59.3**	**96**	**43**	**1**	**0**	**0**	**4.0**
PIONEER 26R61	**81.2**	35	**76.4**	**61.3**	**94**	**41**	**0**	**0**	**0**	**3.5**
DELTA KING dk9577	**75.5**	47	**75.7**	**56.9**	**100**	**39**	**1**	**28**	**0**	**5.5**
TERRAL TV8466	**76.6**	43	**74.4**	**56.9**	**99**	**40**	**1**	**10**	**0**	**6.0**
LA99120UC-60-1-4	76.6	44	74.3	57.6	94	39	2	25	0	5.0
USG 3209	**73.6**	48	**74.2**	**56.5**	**97**	**36**	**1**	**13**	**0**	**5.5**
TERRAL TV8558	**72.6**	51	**73.9**	**54.8**	**98**	**39**	**0**	**15**	**0**	**5.0**
DIXIE 989	**65.7**	55	**73.6**	**56.4**	**102**	**39**	**1**	**18**	**0**	**5.5**
AGRIPRO COKER 9553	**79.8**	39	**73.4**	**59.7**	**96**	**41**	**0**	**5**	**0**	**5.0**
AGS 2031	**75.5**	46	**72.5**	**59.1**	**98**	**36**	**0**	**0**	**0**	**5.5**
TERRAL TVX81170	63.9	56	71.8	53.6	101	34	1	13	0	6.0
DELTA GROW 1600	**63.0**	57	**68.9**	**57.0**	**102**	**40**	**1**	**23**	**0**	**7.0**
GA-981621-5E34	99.4	2		59.9	97	44	0	0	0	4.0
LA99164UC-53-1	97.6	3		57.2	85	37	1	0	0	3.0
DIXIE 427	**95.9**	6		**57.7**	**97**	**40**	**1**	**1**	**0**	**5.0**
GA-981622-5E35	95.2	9		60.2	91	41	1	0	0	3.5
LA01113D-44	92.3	11		57.9	90	39	1	3	0	4.0
LA01138D-21	91.5	14		57.5	91	46	1	0	4	4.5
TERRAL TVX85771	90.6	16		57.7	73	40	1	18	0	4.5
LA01138D-55	90.2	17		58.3	92	40	0	0	1	4.0
X3443	88.4	20		58.7	92	41	1	4	0	4.5
TX4A35	87.9	22		57.8	94	38	1	0	0	4.0
LA98064D-29-2-4	87.1	24		58.7	94	40	0	1	0	4.0
VA01W-205	87.1	25		58.5	97	33	0	1	0	6.0
PROGENY 1117	**85.1**	28		**57.8**	**91**	**42**	**2**	**28**	**0**	**5.5**
LA99042E-68	84.9	29		59.6	91	46	0	10	0	5.0

Table 13. Wheat performance trial at Winnsboro, LA for 2008.

Brand / variety	Grain Yield 2008	rnk	2-Yr	Test Wt	Head Day	Plant Height	Lodging	Leaf Rust	Stripe Rust	Pheno type
	bu/a			lbs/bu	of yr	in	0-9	%	%	0-9
TERRAL TVX85089	84.9	30		56.0	101	41	1	7	0	6.0
DIXIE 454	**84.5**	32		**59.9**	**100**	**39**	**0**	**0**	**0**	**5.0**
PROGENY 166	**80.2**	38		**59.4**	**98**	**44**	**1**	**5**	**0**	**5.5**
DELTA GROW 7400	**79.0**	40		**58.9**	**102**	**39**	**1**	**2**	**0**	**6.0**
USG 3350	**76.7**	41		**58.7**	**97**	**43**	**1**	**5**	**0**	**5.5**
HBK 3128	**76.7**	42		**57.4**	**101**	**40**	**1**	**4**	**0**	**5.0**
PROGENY 145	**75.9**	45		**58.0**	**96**	**46**	**1**	**8**	**0**	**5.5**
PROGENY 185	**73.3**	49		**55.2**	**97**	**40**	**0**	**8**	**0**	**6.0**
USG 3665	**72.6**	50		**56.0**	**101**	**40**	**0**	**10**	**0**	**6.0**
USG 3342	**70.8**	52		**56.6**	**99**	**34**	**0**	**2**	**7**	**6.0**
GA-02603CT-7	69.7	53		56.6	89	39	1	78	0	7.0
D03*9804	67.4	54		55.2	100	39	1	10	0	5.5
PROGENY 127	**55.8**	58		**56.7**	**103**	**39**	**2**	**9**	**1**	**7.0**
PROGENY 122	**51.9**	59		**55.8**	**102**	**41**	**2**	**23**	**0**	**7.0**
AGRIPRO COKER MAGNOLIA * **										
Mean	**82.8**			**58.1**	**95**	**40**	**1**	**7**	**0**	**4.9**
CV%	**9**			**2**	**2**	**6**	**107**	**70**	**254**	**13**
LSD (0.10)	**8.8**			**1.6**	**3**	**4**	**1**	**8**	**1**	**1.0**

Macon Ridge Research Station, Winnsboro, LA. Rick Mascagni, Bubba Bell, Boyd Padgett, Myra Purvis, and Gene Boquet.

Cultural and Site: Gigger silt loam, grain sorghum previous. Planted Oct 29, 2007. Harvested: May 22, 2008. Fertilizer: 90-0-0 on 2/11/08. Herbicides: 2 oz/acre Sencor on 11/20/2007.

***** AgriPro Coker Magnolia was mis-packaged for this site and therefore no data available at Winnsboro - See other North Louisiana locations.**

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

NS indicates non-significant differences among varieties

Table 14. 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 14. Wheat performance trial across Louisiana for 2008.

Brand / variety	Grain Yield	Test Wt	Head Day	Plant Height	Lod-ging	Leaf Rust	Bact eria	Pheno type
	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 indictaes that differences are not statistically significant..

Table 14B. Wheat performance trial across Louisiana (7 locations) for 2008, sorted by statewide mean yield.

LSU AgCenter Research & Extension

Brand / variety	Statewide Mean Grain Yield	North Louisiana Grain Yield						South Louisiana Grain Yield					Statewide Means						
		Mean		Alex	BC	St. Jo	Win	Mean		BR	Crow	Jean	Test Wt	Head Day	Plt Ht	Lodging	Leaf Rust	Bacteria	Pheno-type
	bu/a	bu/a	rnk	bu/a	bu/a	bu/a	bu/a	bu/a	rnk	bu/a	bu/a	bu/a	lbs/bu	of yr	in	0-9	%	0-9	0-9
AGS 2060	**76.6**	**78.2**	2	**57.8**	**70.0**	**70.7**	**95.2**	**74.5**	1	**69.2**	**79.1**	**63.9**	**59.2**	**85**	**39**	**0.7**	**0**	**0.0**	**3.8**
GA981621-5E34	73.3	76.0	6	46.8	70.0	87.8	99.4	69.8	4	73.4	82.6	53.3	58.0	95	39	0.5	0	0.3	3.9
GA981622-5E35	72.0	73.4	11	53.3	66.0	81.1	95.2	70.3	3	79.6	80.4	50.8	58.5	88	38	0.6	0	0.0	3.9
LA99005UC-31-3	71.7	70.6	18	49.1	60.3	66.6	106.5	73.1	2	82.0	80.5	56.7	57.0	83	35	0.6	2	0.0	4.3
LA978UC-36-1-1	70.1	74.0	10	62.3	67.5	69.4	96.8	64.9	9	71.4	71.3	52.0	56.4	85	34	0.4	0	0.5	4.1
DELTA KING DK9108	**69.3**	**74.1**	9	**67.9**	**75.1**	**66.8**	**84.7**	**63.4**	13	**67.6**	**61.0**	**61.5**	**56.5**	**90**	**39**	**0.8**	**8**	**0.0**	**4.3**
VA01W-205	68.9	78.2	3	60.5	82.2	83.0	87.1	55.3	27	51.3	65.7	46.9	57.1	98	30	0.8	1	0.0	6.3
DIXIE 427	**68.7**	**76.8**	4	**60.1**	**78.0**	**78.1**	**95.9**	**58.5**	25	**67.6**	**64.7**	**43.3**	**56.3**	**97**	**35**	**2.2**	**3**	**0.0**	**5.7**
LA01113D-44	68.7	71.5	16	56.9	62.1	74.7	92.3	64.5	10	66.2	66.7	59.4	57.6	87	35	1.0	24	0.0	5.0
RAGAN&MASSEY LA95135	**68.5**	**74.6**	8	**64.0**	**66.9**	**79.1**	**88.4**	**60.4**	21	**70.9**	**69.7**	**40.7**	**57.3**	**94**	**38**	**1.4**	**0**	**0.3**	**4.3**
LA01138D-21	68.5	67.7	26	52.3	55.2	71.9	91.5	69.6	5	72.9	82.4	54.3	56.6	88	38	0.9	8	1.5	4.6
AGRIPRO COKER 9700	**68.2**	**72.3**	13	**56.4**	**63.3**	**71.0**	**90.6**	**62.9**	15	**70.3**	**60.5**	**59.0**	**57.8**	**88**	**34**	**0.7**	**6**	**0.0**	**4.1**
LA98149BUB-3-4	68.2	69.4	20	57.3	61.2	72.7	86.5	66.6	7	64.3	73.6	61.9	57.0	90	36	0.4	10	0.7	4.1
USG 3592	**67.7**	**71.2**	17	**61.4**	**66.9**	**68.1**	**88.5**	**63.0**	14	**58.4**	**78.9**	**51.6**	**57.3**	**99**	**37**	**2.9**	**0**	**0.0**	**5.3**
LA01138D-55	67.6	70.1	19	50.3	69.1	70.8	90.2	64.3	11	65.0	72.1	56.0	56.9	89	37	0.8	5	1.3	4.7
JAMESTOWN	**67.3**	**72.9**	12	**61.7**	**62.3**	**76.0**	**91.7**	**59.1**	23	**62.2**	**67.0**	**44.5**	**58.7**	**88**	**33**	**0.7**	**12**	**0.3**	**4.6**
LA98214D-14-1-2	67.2	67.6	27	48.6	58.2	66.7	92.2	66.7	6	66.6	83.6	49.8	57.0	87	38	1.3	0	0.3	3.7
USG 3295	**67.0**	**76.1**	5	**59.5**	**72.9**	**89.1**	**83.0**	**54.9**	28	**56.1**	**68.7**	**39.8**	**57.8**	**98**	**35**	**0.7**	**0**	**0.0**	**6.1**
USG 3555	**66.0**	**78.3**	1	**59.1**	**77.1**	**87.8**	**89.3**	**49.5**	35	**48.5**	**60.8**	**39.4**	**55.4**	**95**	**32**	**0.3**	**5**	**0.0**	**5.6**
LA98064D-29-2-4	65.8	69.1	22	62.1	53.2	72.3	87.1	61.2	17	61.2	69.4	50.2	56.9	91	36	1.0	9	0.7	4.2
AGS 2026	**65.6**	**69.2**	21	**59.9**	**67.4**	**83.9**	**95.6**	**60.8**	19	**63.7**	**68.6**	**54.3**	**56.6**	**93**	**34**	**3.2**	**5**	**0.0**	**4.7**
AGS 2020	**65.5**	**65.5**	30	**54.0**	**57.7**	**69.6**	**96.7**	**65.5**	8	**59.6**	**76.5**	**50.5**	**56.8**	**87**	**37**	**1.9**	**1**	**0.0**	**4.0**
TERRAL LA841	**65.4**	**68.9**	23	**54.9**	**63.8**	**71.5**	**81.9**	**61.0**	18	**66.1**	**70.4**	**46.6**	**56.2**	**89**	**35**	**0.9**	**1**	**0.0**	**3.5**
PIONEER 26R87	**65.1**	**75.8**	7	**65.1**	**72.4**	**78.2**	**87.6**	**50.8**	33	**42.8**	**64.5**	**45.1**	**59.2**	**96**	**35**	**0.7**	**17**	**0.0**	**5.4**
AGRIPRO COKER MAGNOLIA **	**64.0**	**64.2**	35	**50.6**	**57.3**	**71.3**		**63.9**	12	**49.1**	**60.9**	**60.4**	**56.3**	**89**	**36**	**0.6**	**23**	**0.0**	**4.8**
AGS 2031	**64.0**	**71.7**	15	**69.3**	**74.6**	**77.7**	**75.5**	**53.7**	31	**78.0**	**70.5**	**26.8**	**58.1**	**97**	**34**	**0.9**	**0**	**0.0**	**6.0**
TX4A35	63.9	67.8	25	50.2	55.0	78.2	87.9	58.6	24	64.4	69.4	42.0	56.1	93	34	2.1	0	0.0	4.8
PIONEER 26R61	**63.1**	**65.2**	32	**54.5**	**53.9**	**71.2**	**81.2**	**60.4**	22	**64.2**	**69.9**	**47.0**	**58.4**	**91**	**38**	**0.4**	**3**	**0.0**	**3.9**
X3443	62.5	68.3	24	53.2	63.0	68.7	88.4	54.6	29	59.0	60.0	44.9	56.9	90	35	2.1	32	0.0	5.6
LA99164UC-53-1	62.2	63.0	38	33.9	54.9	56.5	97.6	61.4	16	68.9	69.2	46.1	55.3	84	36	0.8	5	0.7	4.1

Table 14B. Wheat performance trial across Louisiana (7 locations) for 2008, sorted by statewide mean yield.

LSU AgCenter Research & Extension

Brand / variety	Statewide Mean Grain Yield	North Louisiana Grain Yield						South Louisiana Grain Yield					Statewide Means						
		Mean		Alex	BC	St. Jo	Win	Mean		BR	Crow	Jean	Test Wt	Head Day	Plt Ht	Lod ging	Leaf Rust	Bact eria	Pheno -type
	bu/a	bu/a	rnk	bu/a	bu/a	bu/a	bu/a	bu/a	rnk	bu/a	bu/a	bu/a	lbs/bu	of yr	in	0-9	%	0-9	0-9
DIXIE 454	**61.3**	**72.3**	14	**51.6**	**71.5**	**81.7**	**84.5**	**45.4**	38	**35.2**	**66.5**	**39.8**	**57.9**	**103**	**37**	**1.2**	**0**	**0.0**	**6.1**
AGS 2010	**60.5**	**65.1**	33	**41.4**	**59.3**	**64.3**	**81.1**	**54.4**	30	**69.6**	**67.0**	**47.0**	**58.1**	**95**	**38**	**1.6**	**0**	**0.5**	**4.9**
TERRAL LA482	**60.0**	**61.3**	42	**43.6**	**51.3**	**52.9**	**93.3**	**58.5**	26	**67.9**	**65.5**	**42.0**	**56.4**	**82**	**37**	**0.8**	**31**	**0.3**	**5.3**
LA99120UC-60-1-4	59.5	64.9	34	56.3	59.7	67.2	76.6	51.5	32	48.1	55.2	52.1	55.8	88	32	2.2	44	0.0	5.6
PROGENY 117	**59.5**	**67.6**	28	**53.3**	**61.0**	**71.0**	**85.1**	**48.6**	36	**50.0**	**53.0**	**42.9**	**56.5**	**90**	**37**	**2.6**	**42**	**0.0**	**6.1**
TERRAL TVX85771	59.2	58.1	49	46.1	57.0	32.1	90.6	60.7	20	67.5	61.5	53.1	56.2	80	37	1.1	25	0.0	5.4
LA99042E-68	56.2	60.8	44	47.5	48.8	59.2	84.9	50.4	34	48.0	54.2	48.8	57.4	89	39	1.2	46	0.0	5.4
USG 3209	**54.1**	**63.3**	36	**47.2**	**70.2**	**62.3**	**73.6**	**41.8**	39	**33.8**	**47.1**	**44.6**	**55.0**	**94**	**33**	**1.5**	**35**	**0.0**	**5.8**
USG 3342	**53.5**	**63.1**	37	**52.3**	**64.7**	**64.8**	**70.8**	**40.7**	40	**42.0**	**54.1**	**26.2**	**56.7**	**101**	**31**	**0.6**	**10**	**0.0**	**6.5**
TERRAL TVX85089	53.5	66.8	29	47.1	68.6	66.5	84.9	35.7	47	31.4	44.4	31.3	54.6	100	37	1.8	10	0.0	6.3
AGRIPRO COKER 9553	**53.3**	**65.2**	31	**53.3**	**59.1**	**68.3**	**79.8**	**37.5**	44	**36.8**	**40.0**	**35.7**	**57.5**	**95**	**34**	**1.3**	**24**	**0.0**	**5.6**
TERRAL TV8558	**52.6**	**61.6**	41	**42.1**	**63.8**	**68.0**	**72.6**	**39.5**	41	**32.9**	**47.1**	**38.2**	**54.7**	**96**	**35**	**1.4**	**30**	**0.0**	**5.9**
PROGENY 185	**52.3**	**63.0**	39	**49.8**	**63.7**	**65.2**	**73.3**	**38.1**	43	**35.1**	**51.6**	**27.6**	**54.6**	**98**	**36**	**0.5**	**21**	**0.0**	**6.6**
GA-02603CT	51.0	54.7	52	49.8	40.6	55.3	69.7	46.4	37	47.2	53.3	38.8	55.9	84	34	2.2	68	0.0	6.9
DELTA KING DK9577	**51.0**	**59.7**	46	**41.8**	**60.8**	**60.7**	**75.5**	**39.3**	42	**39.9**	**47.6**	**30.4**	**54.7**	**96**	**35**	**1.8**	**38**	**0.0**	**6.0**
HBK 3128	**50.2**	**60.9**	43	**49.6**	**62.6**	**55.0**	**76.7**	**35.9**	46	**32.0**	**47.8**	**28.0**	**55.8**	**100**	**36**	**2.1**	**31**	**0.0**	**6.1**
USG 3350	**49.6**	**59.5**	47	**44.6**	**55.3**	**61.3**	**76.7**	**36.4**	45	**36.4**	**40.9**	**31.9**	**56.7**	**96**	**39**	**1.2**	**17**	**0.0**	**6.5**
PROGENY 166	**48.8**	**62.4**	40	**55.7**	**60.9**	**53.0**	**80.2**	**30.6**	51	**27.3**	**36.9**	**27.6**	**56.9**	**100**	**38**	**1.4**	**19**	**0.0**	**6.3**
PROGENY 145	**48.5**	**60.6**	45	**45.3**	**61.9**	**59.2**	**75.9**	**32.4**	49	**28.5**	**39.2**	**29.6**	**56.3**	**99**	**39**	**1.3**	**22**	**0.0**	**6.6**
USG 3665	**46.9**	**58.5**	48	**36.5**	**65.9**	**59.2**	**72.6**	**31.3**	50	**29.3**	**36.7**	**28.0**	**55.0**	**100**	**36**	**1.8**	**23**	**0.0**	**6.8**
DELTA GROW 7400	**45.7**	**54.9**	51	**24.1**	**43.2**	**73.6**	**79.0**	**33.4**	48	**27.6**	**49.9**	**22.8**	**57.2**	**105**	**37**	**0.9**	**6**	**0.0**	**6.4**
TERRAL TVX81170	43.7	56.6	50	34.0	61.5	70.3	63.9	27.7	52	20.3	42.4	20.4	53.3	101	33	1.7	27	0.0	6.4
D04*9804	42.9	54.4	53	36.1	49.2	54.3	67.4	27.6	53	28.0	32.9	21.8	54.5	99	34	2.3	38	0.0	6.1
PROGENY 122	**33.9**	**43.6**	54	**31.2**	**48.4**	**43.9**	**51.9**	**21.8**	54	**18.3**	**29.5**	**17.6**	**53.8**	**103**	**36**	**2.4**	**26**	**0.0**	**6.9**
PROGENY 127	**30.0**	**38.7**	55	**19.5**	**47.8**	**34.1**	**55.8**	**19.1**	55	**18.2**	**22.3**	**16.9**	**55.4**	**105**	**35**	**1.6**	**24**	**0.0**	**7.1**
Mean	**60.0**	**65.6**		**49.7**	**62.1**	**67.9**	**82.8**	**51.7**		**52.5**	**60.1**	**42.4**	**56.6**	**93.0**	**36**	**1.3**	**15**	**0.1**	**5.3**
CV	**13**	**13**		**22**	**12**	**10**	**9**	**14**		**10**	**12**	**20**	**6**	**2**	**6**	**82**	**73**	**396**	**11**
LSD	**7.4**	**8.5**		**13.1**	**9.1**	**8.5**	**8.8**	**9.0**		**6.3**	**8.2**	**9.9**	**1.1**	**3**	**1**	**1.0**	**12**	**1**	**0.8**

Table 15. 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 indictaes that differences are not statistically significant..

Table 16. Wheat performance trial across Louisiana for three years, 2006, 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 %	Stripe Rust %	Stem Rust 0-9	Sept oria 0-9	Bact eria 0-9	Pheno type 0-9
AGS 2060	79.2	59.5	81	40	1.3	0	0	0.0	2.0	1.9	3.7
AGRIPRO COKER MAGNOLIA **	75.8	57.1	84	37	0.6	10	1	0.0	2.8	1.5	4.2
TERRAL LA841	74.7	56.6	83	36	1.1	0	0	0.1	2.2	0.0	3.4
PIONEER 26R87	73.8	59.5	89	35	0.9	8	1	0.0	1.2	0.0	4.4
DELTA KING DK9108	73.4	56.8	84	39	0.9	5	0	2.0	1.8	0.0	4.2
RAGAN&MASSEY LA95135	73.0	57.4	89	39	1.5	0	0	0.6	1.4	0.4	3.9
TERRAL LA482	72.6	56.7	79	38	0.9	13	1	0.2	2.4	2.9	4.2
USG 3295	71.4	57.8	93	34	0.8	0	1	0.0	1.0	0.0	5.4
PIONEER 26R61	70.0	58.6	85	38	0.7	3	1	0.6	1.8	0.8	3.7
AGS 2010	68.6	58.2	89	38	1.6	0	0	0.2	1.8	0.6	4.7
USG 3209	66.5	56.3	87	33	1.2	17	5	0.0	1.2	1.5	5.0
AGRIPRO COKER 9553	66.1	58.2	89	35	1.1	11	0	3.2	1.4	0.1	4.3
TERRAL TV8558	63.1	55.9	92	35	1.2	16	2	3.2	1.8	0.0	5.6
DELTA KING DK9577	62.0	55.9	91	36	1.4	20	2	4.7	1.8	0.0	5.8
Mean	70.7	57.5	87	36	1.1	7	1	1.0	1.8	0.7	4.5
CV%	11	2	2	5	80	117	62	95	39	103	13
LSD (0.10)	4.5	0.7	2	1	0.5	7	NS	1.1	NS	NS	0.5

Contains data from Baton Rouge, Crowley, Jeanerette, and Winnsboro in 2006; Alexandria, Baton Rouge, Crowley, Jeanerette, St. Joseph, and Winnsboro for 2007; and Alexandria, Baton Rouge, Bossier City, Crowley, Jeanerette, St. Joseph, and Winnsboro 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 indictaes that differences are not statistically significant..

2007-2008 UNIFORM SOUTHERN SOFT RED WINTER WHEAT NURSERY
DATA SHEET

Cooperator: S.A. Harrison, Kelly Arceneaux, Glenn Schexnayder Location: Baton Rouge, LA

No. of Reps: 2 1st Plot Area (sq.ft.): 70.0 Yield LSD (.05): Yield CV%:

Fertilizer: 18-46-60-10S pre + 90-0-0 top Seed Date: 11/10/07 Harvest Date: 05/29/08

Date/Feekes Growth Stage When Scored					10	11									
ENTRY NO.	CULTIVAR/ DESIGNATION	YIELD bu/A	Yield rank	TEST WT. lbs/bu	HEADING DATE Julian	HEIGHT in.	LODGING 0-9	POWDERY MILDEW	LEAF RUST	STRIPE RUST	SEPTORIA tritici Leaf Blotch	SEPTORIA nodorum Glume Blotch	PHENO TYPE 0-9	BIRD DAMAGE 0-9
1	AGS 2000	78.8	5	58.9	87	37	1.0		0				5.3	0.5
2	Pioneer Brand 26R61	64.2	12	59.0	94	42	1.0		0				4.0	0.0
3	Coker 9553	47.5	23	57.0	102	37	2.5		50				4.8	0.5
4	USG 3555	55.0	18	55.0	103	35	1.0		0				5.0	1.5
5	NC03-6228	58.5	16	57.5	103	35	1.5		5				4.8	0.5
6	NC03-8026	53.2	21	57.4	104	37	1.0		5				5.3	0.5
7	VA04W-259	63.4	13	58.0	104	34	1.0		0				4.8	0.0
8	LA99005UC-31-3-C	79.0	4	56.3	84	36	0.5		0				4.8	1.0
9	LA98214D-14-1-2-B	66.3	11	58.6	88	41	6.0		0				4.5	0.0
10	MO011126	28.6	34	57.5	108	34	2.5		10				5.0	1.5
11	NC04-15533	35.5	29	57.6	107	35	2.5		0				5.3	3.0
12	NC04-20814	39.2	27	57.3	108	34	1.5		0				4.8	2.5
13	LA01140D-70	72.6	9	58.4	92	44	1.0		0				4.5	0.0
14	LA01138D-52	71.1	10	57.4	89	43	2.5		0				5.0	0.5
15	AR96077-7-2	61.2	14	56.1	104	35	1.0		0				5.3	0.0
16	AR97124-4-3	49.5	22	55.9	106	39	3.5		0				4.8	1.0
17	P992231A1-2-1	29.7	32	55.8	106	32	1.0		0				4.8	2.5
18	P03112A1-7-14	19.6	39	54.4	109	32	2.0		0				5.3	7.0
19	P04287A1-10	58.2	17	56.1	96	35	1.0		0				4.3	0.0
20	VA05W-250	30.8	31	54.8	108	36	4.0		0				5.0	2.0
21	VA05W-258	46.4	24	55.0	102	40	2.5		10				4.3	0.5
22	VA05W-78	73.7	7	54.7	87	36	1.0		0				4.3	0.0
23	MD01W233-05-1	44.5	25	56.2	105	35	2.0		10				5.0	1.0
24	MD01W233-06-16	54.0	19	58.6	103	34	1.0		0				4.5	0.5
25	MD01W233-06-1	28.9	33	57.8	105	35	2.5		30				4.8	0.5
26	TN801	8.2	41	53.3	114	32	7.0		15				5.8	7.0
27	M04-4715	58.7	15	54.1	98	36	1.0		0				4.5	0.0
28	M04*5109	26.7	37	57.6	104	37	5.5		35				6.0	0.5
29	M03-3616-C	17.6	40	56.4	111	30	2.5		10				5.8	4.0
30	B030543	41.7	26	58.9	108	36	3.5		5				5.5	0.5
31	D04*5546	76.8	6	59.5	94	38	1.0		0				4.5	0.0
32	D04-5012	26.9	36	53.0	91	39	7.5		75				6.3	0.5
33	GA991336-6E9	81.4	1	58.4	88	40	1.0		3				4.8	0.0
34	GA991209-6E33	80.5	3	58.5	86	41	1.0		0				4.8	0.0
35	GA991371-6E13	80.7	2	57.1	87	39	2.5		0				4.0	0.0
36	GA991227-6A33	73.2	8	57.1	90	36	3.0		0				4.0	0.0
37	W98007V1	53.8	20	56.7	110	32	4.0		0				5.8	0.0
38	W98008J1	28.4	35	54.2	92	39	3.0		0				6.3	2.5
39	W98008P1	6.1	42	53.9	78	40	1.0		5				5.8	9.0
40	G59160	23.7	38	55.2	108	36	3.5		5				5.3	4.0
41	G61505	35.2	30	57.4	108	39	4.5		0				4.8	3.0
42	G41732	36.4	28	55.1	104	37	4.0		20				5.5	0.5
LOCATION MEAN:		**49.2**		**56.7**	**99**	**36**	**2.4**						**5.0**	**1.4**
	CV%	**10.5**		**0.9**	**2**	**7**	**33.4**						**16.4**	**82.3**
	LSD(0.10)	**8.7**		**0.9**	**4**	**4**	**1.4**						**1.4**	**1.9**

Wet December through February reduced tillering.

36 day range in heading resulted in delayed harvest for 'normal to early' entries and resulted in low test weights for early entries.

Very early and very late entries suffered significant bird damage as targets of opporrtunity.

0 = no bird damage, 9 = sever bird damage.

Phenotype: 0 - excellent visual appeal and 9 = very poor appearance.

2007-2008 UNIFORM SOUTHERN SOFT RED WINTER WHEAT NURSERY
DATA SHEET

Cooperator:	Harrison, Arceneaux, Schexnayder, Padgett, Mascagni						Location:	Winnsboro, LA						
No. of Reps:	2	Harvest Plot Area (sc	70.0					Yield LSD (.05):		Yield CV%:				
Fertilizer:	90-0-0 top		Seed Date:	10/1/07				Harvest Date:	05/22/08					
Date/Feekes Growth Stage When Scored					320			416	502	416	502	502	416	
ENTRY NO.	CULTIVAR/ DESIGNATION	YIELD	Yield	TEST WT.	HEADING DATE	Rel Mat	HEIGHT	LODGING	LEAF RUST	LEAF RUST	STRIPE RUST	Hessian Fly	Pheno type	Unif ormity
		bu/A	rank	lbs/bu	Julian	0-9	in.	0-9	%	0-9	%	0-9	0-9	0-9
1	AGS 2000	80.0	6	60.7	91	4.0	41	none	0	1.5	4	0.5	3.8	1.5
2	Pioneer Brand 26R61	67.1	11	60.9	95	5.5	45		1	2.5	0	0.0	3.7	1.0
3	Coker 9553	53.4	22	60.5	96	6.0	36		8	6.0	0	2.0	5.0	1.0
4	USG 3555	46.8	24	54.7	100	6.5	33		5	9.0	0	5.5	5.8	1.0
5	NC03-6228	51.9	23	58.3	97	6.0	36		0	3.0	20	5.5	6.3	2.5
6	NC03-8026	62.2	13	59.0	96	6.0	35		2	2.0	2	4.0	5.8	2.0
7	VA04W-259	70.5	9	58.7	102	6.5	35		1	4.0	0	5.0	5.3	2.0
8	LA99005UC-31-3-C	86.5	3	59.7	83	2.5	40		0	2.0	3	0.0	4.0	1.0
9	LA98214D-14-1-2-B	69.9	10	59.6	91	4.0	42		2	1.0	1	0.5	4.0	2.0
10	MO011126	42.0	29	57.2	102	6.5	42		13	9.0	0	4.0	6.0	1.0
11	NC04-15533	58.0	16	59.7	102	7.5	35		2	3.0	0	4.0	5.8	2.0
12	NC04-20814	53.9	21	59.2	102	7.0	33		0	3.5	0	3.5	5.8	1.5
13	LA01140D-70	72.7	8	60.8	91	4.0	50		0	3.0	0	0.0	4.7	1.5
14	LA01138D-52	82.0	4	58.6	91	3.5	45		0	1.5	0	0.0	4.0	1.0
15	AR96077-7-2	57.3	18	57.4	99	6.0	36		3	5.0	0	4.0	6.5	3.5
16	AR97124-4-3	57.7	17	59.1	102	7.0	38		0	3.0	0	4.5	5.8	2.0
17	P992231A1-2-1	58.0	15	58.4	102	7.5	31		2	1.0	0	4.5	5.8	1.5
18	P03112A1-7-14	26.5	39	55.9	107	7.5	32		8	7.5	3	7.5	6.5	1.5
19	P04287A1-10	64.5	12	58.0	99	6.0	39		1	3.5	1	3.0	5.7	1.0
20	VA05W-250	42.2	28	57.4	102	6.5	34		10	7.0	7	5.5	6.2	2.0
21	VA05W-258	21.2	41	53.4	102	6.0	41		0	9.0	50	6.5	6.7	2.0
22	VA05W-78	32.8	35	50.0	91	5.0	37		0	9.0	85	0.0	6.5	2.0
23	MD01W233-05-1	37.3	31	56.5	102	7.0	37		18	5.5	1	6.0	6.5	1.5
24	MD01W233-06-16	34.7	33	57.7	101	7.0	30		5	6.5	4	7.0	6.3	1.0
25	MD01W233-06-1	28.6	37	58.1	103	7.0	38		23	7.0	0	5.5	6.3	1.5
26	TN801	9.2	42	56.8	107	8.0	31		43	9.0	0	8.5	7.2	1.0
27	M04-4715	46.5	25	55.8	99	7.0	35		2	6.0	13	4.5	6.0	1.5
28	M04*5109	26.5	38	56.4	100	6.5	39		33	9.0	5	4.0	6.0	1.5
29	M03-3616-C	25.4	40	59.7	108	8.5	29		39	4.5	1	8.5	7.3	1.0
30	B030543	45.2	26	60.2	103	6.5	38		4	5.5	0	5.5	6.3	1.0
31	D04*5546	58.5	14	59.6	95	5.5	39		0	1.0	0	1.5	5.0	2.0
32	D04-5012	42.7	27	54.9	95	5.0	41		65	8.0	0	3.0	6.3	1.5
33	GA991336-6E9	81.2	5	60.5	90	4.5	42		0	2.5	0	0.5	3.7	1.0
34	GA991209-6E33	89.9	2	61.1	89	3.5	43		0	1.5	0	0.0	3.0	1.5
35	GA991371-6E13	89.9	1	60.2	90	3.0	39		1	1.0	0	0.5	3.5	1.5
36	GA991227-6A33	73.2	7	58.5	92	5.0	38		3	2.0	1	1.5	4.2	1.0
37	W98007V1	55.7	19	57.7	101	6.0	38		4	5.5	0	5.5	5.7	3.0
38	W98008J1	39.3	30	56.4	98	7.0	39		33	7.0	0	6.0	6.8	4.0
39	W98008P1	30.5	36	56.4	77	1.0	38		5		0	1.0	6.7	1.0
40	G59160	35.3	32	57.4	107	7.0	35		13	3.5	0	7.0	6.3	2.5
41	G61505	33.6	34	58.5	104	7.0	34		8	9.0	0	6.5	6.3	1.5
42	G41732	54.2	20	58.7	100	7.0	40		30	9.0	2	1.5	5.8	1.0
LOCATION MEAN:		**52.3**		**58.1**	**98**	**5.9**	**37**		**9**	**4.9**	**5**	**3.7**	**5.6**	**1.6**
	CV%	**17**		**1**	**1**	**8**	**8**		**125**	**16**	**85**	**31**	**5**	**30**
	LSD(0.10)	**14.9**		**1.1**	**1**	**0.7**	**5**		**19**	**1.3**	**7**	**1.9**	**0.5**	**0.8**

Wet December through February reduced tillering.
Heavy Hessian Fly pressure.
502 (May 2) data taken collectively by Sungrians breeders.
Ral Mat is relative maturity (development) on April 20: 0 = very early spring type and 9 = very late / non-vernalized.
Pheno: 0 = excellent visual appearance; 9 = very poor visual appreance; average of three ratings over the season.
Uniformity: 0 = very uniform, 9 = very ragged; includes bolting, offtypes, mixes, etc.
Phenotype: 0 - excellent visual appeal and 9 = very poor appearance.

Table 19. Wheat Prelim-A at Baton Rouge, LA for 2008.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Seed Qual 0-9	Head Day of yr	Plant Ht in	Leaf Rust %	Pheno -type 0-9	Unif ormity 0-9
AGS 2020	**77.2**	**62.1**	**1.0**	**89**	**40**	**2**	**3.7**	**1.5**
LA01145D-123-7-C	72.8	61.5	2.0	93	40	0	3.7	1.0
AR01080-91-3-C	71.1	62.4	1.5	88	39	1	4.0	2.0
AGS 2060	**70.9**	**62.5**	**1.0**	**84**	**43**	**0**	**4.0**	**1.0**
LA01005D-2-2-C	70.7	62.2	2.0	93	39	0	4.0	2.0
LA01110D-181-6-B	66.9	62.0	3.0	93	41	0	4.0	1.5
AR01008-12-7-C	66.8	62.5	1.0	88	38	9	4.7	2.0
AR01123-83-6-C	66.7	61.7	1.0	94	38	2	3.5	2.0
LA01158D-55-8-B	66.1	62.8	2.0	85	37	4	4.3	2.0
LA01137D-4-5-B	66.1	62.2	3.0	91	37	2	4.3	1.0
AR01008-12-2-C	66.1	62.9	1.5	91	38	1	4.0	2.0
LA01145D-4-4-B	65.6	62.2	1.0	91	35	1	4.8	2.0
LA01110D-84-2-C	64.3	62.4	2.5	93	42	0	4.0	1.5
LA01139D-56-1-C	64.2	62.5	1.0	92	34	10	4.5	1.0
LA01035D-193-3-C	63.1	62.4	1.5	92	39	8	4.3	2.0
LA01108D-35-1-B	62.8	61.3	2.0	89	41	0	3.8	2.0
AR01123-55-8-C	62.1	61.9	1.5	94	38	0	3.7	1.5
TERRAL LA841	**61.8**	**61.5**	**2.0**	**95**	**37**	**1**	**4.7**	**2.5**
LA01110D-84-5-C	61.2	62.4	2.0	93	41	0	4.0	1.5
LA01139D-35	59.7	62.0	2.0	90	40	4	5.7	3.5
AR01120-56-7-C	59.4	62.2	2.5	95	32	2	4.3	1.5
LA01139D-9-6-C	59.1	62.5	1.0	93	32	2	4.8	1.0
AR01001-84-3-B	58.7	61.6	3.0	89	42	0	3.8	2.0
LA01005D-81-3-B	58.5	58.0	3.0	81	36	0	5.3	1.5
LA01110D-100-3-B	58.1	62.4	2.0	92	40	0	3.2	1.5
LA01110D-117	57.5	61.1	2.0	94	38	20	5.2	2.0
LA01108D-71-4-C	56.6	59.9	2.0	93	36	8	4.7	2.0
LA01110D-111	56.2	61.4	2.0	95	36	15	5.3	2.0
LA01039D-225-7-C	53.2	62.9	2.5	95	42	0	4.8	1.5
PIONEER 26R87	**52.9**	**52.1**	**3.0**	**99**	**36**	**10**	**5.3**	**1.0**
LA01075D-82-7-C	46.5	61.8	2.0	92	40	40	5.0	1.0
AR01220-61	37.2	57.8	3.5	78	40	0	5.5	1.5
MEAN	**61.9**	**61.5**	**2.0**	**91**	**38**	**4**	**4.4**	**1.7**
CV%	**10**	**1**	**18**	**1**	**3**	**65**	**9**	**28**
LSD (0.10)	**10.4**	**0.6**	**0.6**	**2**	**2**	**5**	**0.7**	**0.8**

Ben Hur Farm, Central Stations, Baton Rouge, LA. Steve Harrison, Kelly Arceneaux, and Glenn Schexnayder.

Cultural and Site: Planted 11/10/2007. Harvested 5/15/2008. 18-46-60 preplant + 90-0-0 topdres fertilizer. 0.40 Harmony X + 4.75 oz/aacre Osprey herbicide. Wet December and January. Late harvest due to late-heading entries resulted in lowered test weight of earlier lines.

NOTES: This test harvested late because of so many late-heading/maturing entries. As a result, birds damaged either very early or very late entries. Test weights of early entries were also lowered due to heavy rainfall after maturity (6"+).

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

Seed Quality is relative visual appearance of seed at harvest; 0 = excellent, 9 = very poor.

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

Table 20. Wheat Prelim-A at Winnsboro, LA for 2008.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Ht in	Lodging Score	Leaf Rust 0-9	Stripe Rust 0-9	Pheno -type 0-9	Unif ormity 0-9
AR01080-91-3-C	104.4	58.7	90	43	0.0	0.0	3.0	5.5	2.0
LA01158D-55-8-B	97.7	59.7	87	38	1.5	0.5	0.5	3.0	1.5
AGS 2020	**94.3**	**58.5**	**90**	**42**	**0.5**	**0.0**	**0.0**	**3.0**	**1.0**
AR01008-12-7-C	94.0	58.8	91	42	1.0	0.0	1.5	4.0	1.5
LA01110D-84-2-C	92.1	59.1	93	45	0.0	0.0	0.0	3.5	1.0
LA01139D-56-1-C	90.9	57.3	92	39	0.0	0.0	2.5	4.0	1.0
AR01123-83-6-C	89.8	58.4	94	43	0.5	0.0	0.0	3.5	1.0
LA01145D-123-7-C	89.8	57.8	93	45	0.0	0.0	0.0	4.0	1.0
LA01108D-71-4-C	89.1	56.8	91	46	0.5	0.0	2.0	5.0	1.0
LA01110D-117	89.0	57.8	93	44	0.0	1.0	0.5	4.5	1.0
LA01145D-4-4-B	88.3	57.9	91	41	1.0	0.0	0.0	4.0	1.0
LA01108D-35-1-B	88.0	57.2	90	46	0.0	0.0	3.0	5.5	1.0
LA01139D-9-6-C	87.0	59.6	93	38	0.0	0.0	0.0	3.0	1.5
LA01110D-181-6-B	85.9	58.7	94	45	0.5	0.5	0.0	4.0	1.0
AR01008-12-2-C	85.5	57.6	91	44	1.5	0.0	2.0	4.0	2.0
LA01005D-2-2-C	85.3	57.4	93	42	0.0	0.0	1.0	5.0	1.0
TERRAL LA841	**85.1**	**58.4**	**93**	**43**	**0.0**	**0.0**	**0.0**	**3.5**	**1.0**
LA01110D-100-3-B	83.8	58.0	90	45	0.0	0.5	0.0	3.5	1.0
AGS 2060	**82.3**	**60.0**	**87**	**45**	**0.5**	**0.0**	**0.0**	**3.0**	**1.0**
AR01220-61	81.9	57.1	84	40	0.0	0.0	0.0	5.0	1.0
LA01110D-84-5-C	81.9	58.4	93	45	0.5	0.0	0.0	3.5	1.0
LA01137D-4-5-B	81.8	58.4	90	41	1.0	0.0	0.0	2.5	1.0
LA01005D-81-3-B	81.5	54.9	85	37	0.0	0.0	0.0	4.5	1.0
AR01120-56-7-C	80.1	57.8	94	37	0.0	0.0	0.0	4.5	1.0
AR01123-55-8-C	80.0	57.1	93	42	0.0	0.0	0.0	3.5	1.0
LA01039D-225-7-C	78.2	59.4	94	49	0.0	0.0	1.5	4.5	1.0
LA01035D-193-3-C	74.9	58.1	92	43	0.5	0.0	0.5	5.0	1.0
AR01001-84-3-B	74.6	58.5	90	47	0.0	0.0	0.0	3.5	1.0
LA01110D-111	73.3	57.8	95	40	0.0	0.5	1.0	5.0	1.5
LA01139D-35	70.1	59.0	90	44	0.0	0.0	2.5	5.0	2.0
PIONEER 26R87	**70.0**	**60.7**	**97**	**40**	**0.0**	**0.0**	**1.5**	**5.5**	**1.0**
LA01075D-82-7-C	66.6	56.6	94	42	0.0	2.5	0.0	5.0	1.0
Mean	**84.3**	**58.1**	**91**	**42**	**0.3**	**0.2**	**0.7**	**4.1**	**1.2**
CV	**9**	**2**	**1**	**3**	**214**	**212**	**120**	**20**	**22**
LSD	**12.6**	**1.9**	**1**	**2**	**1.1**	**0.6**	**1.5**	**1.4**	**0.4**

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

Seed Quality is relative visual appearance of seed at harvest; 0 = excellent, 9 = very poor.

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

Wheat Prelim-A at Stoneville, MS for 2008.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Plant Ht in	Lodging 0-9	Leaf Rust 0-9	Pheno-type 0-9	Uniformity 0-9	Septoria 0-9
AGS 2020	**99.2**		**41**	**1.0**	**0.0**	**3.0**	**1.5**	**1.0**
LA01035D-193-3-C	94.8		39	1.0	0.0	4.5	1.5	1.5
LA01139D-56-1-C	93.3		40	1.0	0.0	5.0	1.5	2.5
LA01110D-181-6-B	91.2		41	1.0	0.0	3.0	1.0	0.5
LA01145D-123-7-C	90.6		42	1.0	0.0	3.5	1.0	0.5
AR01123-55-8-C	90.4		37	1.0	0.0	4.0	2.5	1.0
LA01110D-117	89.6		41	1.0	1.0	3.5	1.5	1.0
LA01108D-71-4-C	89.0		39	1.0	0.0	4.0	1.5	1.5
LA01005D-2-2-C	87.8		40	1.0	0.0	3.5	1.0	1.5
LA01110D-111	86.8		38	1.0	2.0	4.0	2.0	1.5
LA01145D-4-4-B	86.7		35	1.0	0.0	5.0	1.5	1.0
AR01120-56-7-C	86.0		34	1.0	0.0	4.0	1.0	1.5
AR01123-83-6-C	86.0		42	1.0	0.0	3.5	1.5	2.0
AR01008-12-7-C	85.7		40	1.0	0.0	4.0	1.5	1.5
AR01080-91-3-C	85.5		40	1.0	0.0	4.0	2.5	1.5
AGS 2060	**84.4**		**41**	**3.0**	**0.0**	**2.5**	**1.0**	**2.0**
AR01220-61	84.0		42	1.0	0.0	5.5	1.5	2.0
AR01008-12-2-C	83.3		38	1.0	0.0	4.5	1.0	0.5
LA01110D-84-5-C	82.8		42	1.0	0.0	3.5	1.0	1.5
TERRAL LA841	**82.5**		**38**	**1.0**	**0.0**	**3.0**	**1.0**	**1.5**
AR01001-84-3-B	82.4		41	1.0	0.0	3.0	1.5	1.5
LA01139D-35	82.4		41	1.0	0.0	6.0	3.0	2.5
LA01039D-225-7-C	82.4		43	1.0	0.0	4.0	1.0	0.5
LA01110D-84-2-C	82.4		42	1.0	0.0	4.0	1.0	2.0
LA01139D-9-6-C	82.3		36	1.0	0.0	4.0	1.5	2.0
LA01137D-4-5-B	81.8		40	1.0	0.0	3.0	1.0	0.5
LA01005D-81-3-B	81.4		39	1.0	0.0	4.5	1.5	3.0
LA01075D-82-7-C	81.2		40	1.0	1.5	4.0	1.5	1.0
LA01158D-55-8-B	80.5		37	1.0	0.0	5.5	3.0	2.0
PIONEER 26R87	**78.4**		**38**	**1.0**	**0.0**	**3.5**	**1.5**	**1.0**
LA01108D-35-1-B	77.0		40	1.0	2.5	4.5	2.0	1.0
LA01110D-100-3-B	75.8		41	1.0	0.0	3.5	1.5	0.5
MEAN	**85.4**		**40**	**1.1**	**0.0**	**4.0**	**1.5**	**1.4**
CV	**7**				**338**	**4**	**34**	**52**
LSD	**10.0**				**ns**	**1.1**	**0.9**	**1.3**

Cultural and Site: Mississippi Sate - Stoneville.

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

Uniformity: 0 = uniform, 9 = reagged

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

Table 22. Wheat Prelim-A across three locations for 2008.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Seed Qual 0-9	Head Day of yr	Plant Ht in	Lodging Score 0-9	Leaf Rust %	Stripe Rust %	Pheno -type 0-9	Unif ormity 0-9
AGS 2020	**90.2**	**60.3**	**1.0**	**89**	**41**	**1**	**1**	**0**	**3.2**	**1.3**
AR01080-91-3-C	87.0	60.6	1.5	89	41	1	0	3	4.5	2.0
LA01145D-123-7-C	84.4	59.6	2.0	93	42	1	0	0	3.7	1.0
LA01139D-56-1-C	82.8	59.9	1.0	92	37	0	4	3	4.5	1.0
AR01008-12-7-C	82.2	60.6	1.0	89	40	1	3	2	4.2	1.8
LA01158D-55-8-B	81.4	61.3	2.0	86	37	1	3	1	4.3	1.8
LA01110D-181-6-B	81.3	60.3	3.0	93	42	1	2	0	3.7	1.3
LA01005D-2-2-C	81.3	59.8	2.0	93	40	0	0	1	4.2	1.5
AR01123-83-6-C	80.8	60.0	1.0	94	41	1	1	0	3.5	1.5
LA01145D-4-4-B	80.2	60.0	1.0	91	37	1	0	0	4.6	1.5
LA01110D-84-2-C	79.6	60.8	2.5	93	43	0	0	0	3.8	1.3
AGS 2060	**79.2**	**61.2**	**1.0**	**85**	**43**	**1**	**0**	**0**	**3.2**	**1.0**
LA01110D-117	78.7	59.4	2.0	93	41	0	10	1	4.4	1.5
AR01008-12-2-C	78.3	60.3	1.5	91	40	1	0	2	4.2	2.0
LA01108D-71-4-C	78.2	58.4	2.0	92	40	1	3	2	4.6	1.5
LA01035D-193-3-C	77.6	60.2	1.5	92	40	1	3	1	4.6	1.5
AR01123-55-8-C	77.5	60.3	1.5	94	39	0	0	0	3.7	1.3
LA01137D-4-5-B	76.6	60.3	3.0	91	39	1	1	0	3.3	1.0
TERRAL LA841	**76.5**	**60.5**	**2.0**	**94**	**40**	**0**	**0**	**0**	**3.7**	**1.8**
LA01139D-9-6-C	76.1	61.1	1.0	93	35	0	1	0	3.9	1.3
LA01108D-35-1-B	75.9	59.9	2.0	89	42	0	1	3	4.6	1.5
LA01110D-84-5-C	75.3	60.4	2.0	93	43	1	0	0	3.7	1.3
AR01120-56-7-C	75.2	60.0	2.5	94	34	0	1	0	4.3	1.3
LA01005D-81-3-B	73.8	56.4	3.0	83	37	0	0	0	4.8	1.3
LA01110D-111	72.1	59.6	2.0	95	38	0	7	1	4.8	1.8
AR01001-84-3-B	71.9	60.1	3.0	90	44	0	0	0	3.4	1.5
LA01110D-100-3-B	71.9	60.2	2.0	91	42	0	2	0	3.4	1.3
LA01039D-225-7-C	71.3	61.2	2.5	95	45	0	0	2	4.4	1.3
LA01139D-35	70.8	60.5	2.0	90	42	0	1	3	5.6	2.8
PIONEER 26R87	**67.1**	**55.0**	**3.0**	**98**	**38**	**0**	**3**	**2**	**4.8**	**1.0**
LA01075D-82-7-C	64.8	59.2	2.0	93	41	0	21	0	4.7	1.0
AR01220-61	64.5	57.5	3.5	81	40	0	0	0	5.3	1.3
MEAN	**77.1**	**59.9**	**2.0**	**91**	**40**	**1**	**2**	**1**	**4.2**	**1.4**
CV%	**8**	**1**	**18**	**1**	**3**	**116**	**125**	**120**	**16**	**27**
LSD (0.10)	**7.5**	**2.4**		**2**	**2**	**NS**	**6**	**1**		**0.6**

Data from Baton Rouge, Winnsboro, and Stoneville, MS.

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

Seed Quality is relative visual appearance of seed at harvest; 0 = excellent, 9 = very poor.

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

Table 23 . Wheat Prelim-B at Baton Rouge, LA for 2008.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Seed Qual 0-9	Head Day of yr	Plant Ht in	Leaf Rust %	Pheno -type 0-9	Unif ormity 0-9
AGS 2060	**66.4**	**59.9**	**1.0**	**83**	**40**	**0**	**4.0**	**1.3**
LA01110D-208-5-C	62.5	59.0	2.0	95	41	0	4.0	1.0
LA01063D-86-8-C	58.3	59.9	3.0	93	37	0	3.7	1.8
LA01158D-36-6-C	56.4	58.1	1.0	84	32	0	4.2	1.5
LA01138D-59-4-C	53.3	58.2	2.0	92	35	3	4.7	1.3
LA01110C-J10	53.1	59.6	2.0	95	39	0	4.5	2.0
LA01138D-59-1-C	53.0	57.9	2.0	92	35	2	4.7	1.3
LA01110D-34-2-C	52.9	61.7	2.0	93	40	1	4.0	1.8
LA99149D-E2-H2	52.7	54.7	2.0	93	32	0	4.2	1.3
LA01110D-11-2-C	52.3	59.6	3.0	95	39	2	3.7	1.3
LA01069D-23-8-C	50.7	60.6	1.5	92	39	1	4.0	1.0
LA01138D-33-2-C	50.6	58.3	2.0	93	33	0	4.5	1.8
LA01035D-193-5-C	50.5	59.7	1.5	94	35	4	4.3	1.3
LA01145D-123-5-C	50.3	58.7	2.0	93	35	0	4.0	1.0
LA01021D-104-5-C	48.9	59.0	2.0	95	38	2	4.5	1.3
LA482	**47.9**	**55.8**	**2.5**	**83**	**37**	**2**	**5.3**	**1.3**
LA01110D-48-2-C	44.7	60.5	2.0	95	37	1	4.2	1.8
LA01034D-42-3-C	43.9	56.8	1.5	95	32	3	4.7	1.3
LA01140D-229-5-C	43.6	59.4	1.5	94	33	2	4.3	1.5
LA841	**43.3**	**58.9**	**1.5**	**96**	**32**	**0**	**4.2**	**1.0**
LAAR01001-86-B	42.9	58.8	2.0	86	37	0	4.5	1.0
LA01110D-42-3-C	38.7	56.4	3.0	99	30	1	5.3	1.5
LA01112D-73-6-C	38.1	59.7	2.5	96	37	0	4.3	1.0
LA01039D-225-2-C	31.0	59.7	1.5	97	37	0	5.2	2.0
MEAN	**49.4**	**58.8**	**2.0**	**93**	**36**	**1**	**4.4**	**1.4**
CV%	**18**	**1**	**21**	**2**	**8**	**96**	**14**	**34**
LSD (0.10)	**NS**	**0.6**	**0.7**	**2**	**5**	**1**	**NS**	**NS**

Ben Hur Farm, Central Stations, Baton Rouge, LA. Steve Harrison, Kelly Arceneaux, and Glenn Schexnayder.

Cultural and Site: Planted 11/10/2007. Harvested 5/15/2008. 18-46-60 preplant + 90-0-0 topdres fertilizer. 0.40 Harmony X + 4.75 oz/aacre Osprey herbicide. Wet December and January. Late harvest due to late-heading entries resulted in lowered test weight of earlier lines.

NOTES: This test harvested late because of so many late-heading/maturing entries. As a result, birds damaged either very early or very late entries. Test weights of early entries were also lowered due to heavy rainfall after maturity (6"+).

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

Seed Quality is relative visual appearance of seed at harvest; 0 = excellent, 9 = very poor.

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

Table 24. Wheat Prelim-B at Winnsboro, LA for 2008.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Ht in	Leaf Rust 0-9	Stripe Rust 0-9	Pheno -type 0-9	Unif ormity 0-9
LA01158D-36-6-C	90.9	58.2	89	35	0.0	1.0	3.0	1.5
LA01110C-J10	86.7	59.3	95	44	0.0	0.0	4.0	1.5
LA01063D-86-8-C	85.4	57.6	93	43	0.0	1.5	4.5	1.0
LA01039D-225-2-C	82.3	60.5	95	48	0.0	1.5	4.5	1.0
LA01140D-229-5-C	82.1	57.1	91	39	0.5	0.5	4.0	2.5
LA01035D-193-5-C	81.7	57.2	86	44	0.0	2.0	4.0	1.0
LA01112D-73-6-C	81.7	58.5	97	44	0.0	0.0	2.5	1.0
LA01034D-42-3-C	81.5	57.2	91	39	0.0	0.0	2.5	1.0
AGS 2060	**77.3**	**59.8**	**88**	**45**	**0.0**	**0.5**	**3.5**	**1.0**
LA01138D-59-4-C	77.0	56.1	91	43	0.0	1.5	4.0	1.0
LA01110D-11-2-C	76.1	57.1	96	45	0.0	0.0	3.5	1.0
LA01110D-208-5-C	74.4	58.9	95	41	0.0	0.0	3.0	1.0
LA01138D-33-2-C	72.9	54.6	90	40	0.0	2.5	5.0	1.5
LA01110D-34-2-C	72.9	57.7	91	43	0.0	0.0	4.0	1.0
LAAR01001-86-B	72.8	59.4	88	46	0.0	0.0	4.5	2.5
LA01145D-123-5-C	71.7	56.7	93	45	0.0	0.0	3.5	1.0
LA01110D-42-3-C	70.3	54.9	96	38	0.0	0.5	4.0	1.5
LA482	**70.0**	**56.5**	**84**	**45**	**3.5**	**2.5**	**5.5**	**1.0**
LA01069D-23-8-C	69.9	59.3	92	45	0.0	0.0	3.0	1.0
LA99149D-E2-H2	69.9	52.1	92	37	1.0	0.5	4.0	1.0
LA01138D-59-1-C	69.8	56.0	92	44	0.0	2.5	4.5	1.0
LA841	**69.7**	**58.2**	**94**	**40**	**0.0**	**0.0**	**3.5**	**1.0**
LA01110D-48-2-C	69.7	58.2	93	43	0.0	1.5	4.0	1.0
LA01021D-104-5-C	63.9	57.7	96	46	0.0	0.0	4.0	2.0
Mean	**75.9**	**57.3**	**92**	**42**	**0.2**	**0.8**	**3.9**	**1.3**
CV	**7**	**3**	**2**	**3**	**171**	**127**	**25**	**28**
LSD	**9.4**	**3.2**	**3**	**2**	**0.6**	**1.7**	**1.6**	**0.6**

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

Seed Quality is relative visual appearance of seed at harvest; 0 = excellent, 9 = very poor.

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

Table 25. Wheat Prelim-C at Baton Rouge, LA for 2008.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Seed Qual 0-9	Head Day of yr	Plant Ht in	Leaf Rust %	Pheno -type 0-9	Unif ormity 0-9
LA01172D-27-5-4	70.5	58.0	2.0	94	41	0	3.3	1.0
LA482	68.2	57.9	1.5	81	41	3	4.7	1.5
AGS 2060	66.5	61.6	1.0	85	40	0	4.0	1.3
LA01110D-100-6-4	65.8	61.2	2.0	90	42	1	3.2	1.3
FL03113D-33	65.5	62.5	1.5	92	40	1	4.0	1.3
LA841	62.1	58.9	1.0	93	37	0	3.7	1.5
LA01146D-39-7-3	61.7	61.4	2.0	91	39	4	3.7	1.5
LA01139D-86-6-2	60.6	61.4	2.5	93	39	1	4.2	1.0
FL03173D-120	59.9	58.1	3.0	84	37	4	4.3	1.0
LA01140D-229-6-4	59.6	61.2	1.5	92	37	0	3.7	1.8
LA01139D-86-5-1	59.5	62.3	3.0	91	43	1	3.8	1.0
FL03157D-94	58.1	61.6	2.0	92	38	4	4.2	1.0
LA01139D-23-5-3	57.2	58.3	1.5	91	36	1	3.3	1.0
LAAR01220-105-1-4	57.1	58.8	2.0	85	38	0	5.2	4.8
LA01005D-111-4-3	56.5	57.9	2.5	81	34	0	4.7	2.8
LA01139D-56-7-1	54.7	61.5	1.0	92	36	3	4.5	1.8
LA01139D-9-5-2	54.5	61.8	1.5	94	37	0	3.8	1.3
LA01139D-71-7-2	40.4	61.6	2.0	95	37	4	5.3	2.3
MEAN	**59.9**	**60.3**	**1.9**	**90**	**38**	**1**	**4.1**	**1.6**
CV%	**8**	**1**	**24**	**1**	**2**	**95**	**9**	**37**
LSD (0.10)	**8.8**	**1.3**	**0.8**	**2**	**2**	**2**	**0.7**	**1.0**

Ben Hur Farm, Central Stations, Baton Rouge, LA. Steve Harrison, Kelly Arceneaux, and Glenn Schexnayder.

Cultural and Site: Planted 11/10/2007. Harvested 5/15/2008. 18-46-60 preplant + 90-0-0 topdres fertilizer. 0.40 Harmony X + 4.75 oz/aacre Osprey herbicide. Wet December and January. Late harvest due to late-heading entries resulted in lowered test weight of earlier lines.

NOTES: This test harvested late because of so many late-heading/maturing entries. As a result, birds damaged either very early or very late entries. Test weights of early entries were also lowered due to heavy rainfall after maturity (6"+).

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

Seed Quality is relative visual appearance of seed at harvest; 0 = excellent, 9 = very poor.

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

Table 26. Oat variety trial across Louisiana (Baton Rouge and Winnsboro), 2008.

Brand / variety	Grain Yield	Test Wt	Seed Qual	Wint Stress	Grow Habit	Leaf iness	Head Day	Plant Ht	Lod Score	Crown Rust	Stem Rust	Pheno type
	bu/a	lbs/bu	0-9 *	0-9 *	0-9 *	0-9 *	of yr	in	0-9	% *	0-9 *	0-9
HORIZON 270	**136.5**	**34.3**	**2.5**	**3.0**	**4.0**	**6.3**	**88**	**42**	**0.4**	**0**	**2.0**	**4.4**
TX02U7682	136.0	34.7	2.8	1.7	5.5	4.5	87	47	0.6	0	1.0	4.1
LA03046SBS7-B-S1	130.4	35.9	2.3	2.7	4.0	5.0	92	40	0.5	0	1.3	4.5
FL99212	129.7	33.7	1.8	2.3	4.5	5.5	95	43	0.5	0	2.7	5.1
FL99153FBS-45-1-B-S-B-S1-B-S	129.7	37.2	1.0	1.3	5.3	3.8	96	42	0.4	0	1.7	3.9
TX02U7490	129.6	32.3	2.3	1.0	5.0	5.0	89	45	0.9	0	1.0	4.0
LA97006GSB-59-2-4-SBS1	129.1	34.7	2.3	2.3	4.8	4.5	92	41	0.6	0	1.3	4.0
LA02030SBSBSB-S1	128.0	32.7	3.0	1.7	5.0	4.3	87	45	0.6	0	2.0	5.0
LA99016	**125.9**	**36.1**	**2.3**	**1.0**	**6.3**	**3.8**	**96**	**50**	**0.6**	**0**	**2.0**	**4.3**
99011SBSBSB-45-B-S-B-S2	125.6	34.7	2.3	4.0	3.0	6.0	100	43	0.3	0	1.3	5.4
HORIZON LA976	**125.0**	**35.4**	**2.5**	**1.3**	**5.5**	**4.0**	**95**	**44**	**1.1**	**0**	**2.3**	**3.4**
FL99065-D13-E4	122.3	32.7	3.3	2.3	5.0	5.3	93	45	2.4	0	2.0	4.4
TX02U7473	122.1	35.0	3.0	1.0	5.3	4.0	85	49	1.3	0	0.7	3.6
LA02030-S-B-106-S1-B-S1	121.8	33.6	2.5	1.3	4.8	3.5	93	45	0.6	0	2.7	4.1
HORIZON 201	**118.9**	**33.8**	**2.3**	**2.0**	**5.3**	**3.5**	**93**	**51**	**1.4**	**0**	**3.0**	**4.6**
LA03063SBS14	118.0	35.1	3.0	2.0	3.8	5.5	85	46	0.9	0	1.0	4.3
TX02U7325	117.9	32.2	2.3	1.0	5.5	4.3	87	43	2.4	0	0.3	4.5
LA99017SBSBSB-275-C-B-S2	114.2	34.2	2.8	1.7	6.8	4.0	101	54	0.3	0	2.0	4.5
TERRAL TROPHY	**114.1**	**35.7**	**2.3**	**1.7**	**4.5**	**4.3**	**92**	**47**	**1.4**	**0**	**3.7**	**3.9**
TAMO 406	**113.0**	**35.8**	**2.8**	**1.3**	**5.3**	**4.0**	**96**	**45**	**4.3**	**0**	**1.3**	**3.6**
PLOT SPIKE LA9339	**111.1**	**33.6**	**2.3**	**1.7**	**5.3**	**3.8**	**103**	**44**	**0.3**	**1**	**3.7**	**4.6**
LA99017SBSBSB-275-C-B-S1	110.5	34.4	2.0	1.7	6.0	4.3	95	53	0.3	1	1.3	4.6
LA02029SBSBS48	110.5	36.1	1.3	2.7	4.0	5.0	93	50	1.8	0	2.0	4.3
TAMO 405	**107.6**	**34.5**	**2.8**	**1.0**	**6.0**	**3.8**	**87**	**37**	**4.6**	**0**	**1.0**	**3.8**
LA0001BSBS-5-S2-S-B-S2	93.5	35.8	2.8	1.7	6.0	5.3	94	40	0.5	0	1.0	4.6
BROOKS	**61.4**	**29.2**	**5.0**	**2.3**	**4.3**	**4.8**	**93**	**50**	**6.4**	**70**	**4.7**	**5.1**
Mean	**118.5**	**34.4**	**3.0**	**5.3**	**5.1**	**4.5**	**92**	**45**	**1.3**	**3**	**1.3**	**4.3**
CV	**9**	**4**	**20**	**13**	**13**	**11**	**3**	**7**	**67**	**78**	**51**	**15**
LSD	**18.7**	**2.9**	**1.0**	**1.1**	**1.1**	**0.8**	**3**	**5**	**6.0**	**3**	**1.1**	**NS**

Baton Rouge and Winnsboro, LA. * Data from Baton Rouge only.

Bold indicates a released (commercial) variety, others are non-released breeding lines.

Lodging and Stem Rust: 0 = none, 9 = severe

Seed Quality: 0 = excellent, 9 = very poor.

Winter Stress: 0 = none, healthy & green; 9 = severe discoloration and stress..

Growth Habit: 0 - very upright spring habit; 9 = prostrate winter growth habit.

Leafiness: visual estimate of leaf (forage) production: 0 = excellent, 9 = very poor.

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

Table 27. Oat variety trial across Louisiana for two years, 2007, and 2008.

Brand / variety	Grain Yield	Test Wt	Seed Qual	Winter Stress	Grow Habit	Head Day	Plant Ht	Lod Score	Crown Rust	Stem Rust	Pheno type
	bu/a	lbs/bu				of yr	in	0-9	%	0-9	0-9
TX02U7682	132.5	34.5	2.8	3.2	5.5	87	41	0.6	0	0.7	4.4
HORIZON 270	**130.8**	**34.6**	**2.7**	**4.6**	**4.5**	**88**	**37**	**0.4**	**0**	**1.6**	**4.4**
FL99212	129.0	33.9	2.0	2.8	4.3	94	41	0.4	0	2.8	4.8
LA99016	**128.1**	**36.2**	**2.3**	**3.2**	**6.4**	**94**	**46**	**0.5**	**0**	**1.6**	**3.8**
HORIZON 201	**125.4**	**33.9**	**2.5**	**2.2**	**5.1**	**91**	**46**	**1.0**	**0**	**3.1**	**4.3**
LA99011SBSBSB-45-B-S-B-S2	121.1	35.4	2.5	5.2	3.5	97	42	0.5	0	1.3	5.1
TERRAL TROPHY	**117.3**	**36.0**	**2.2**	**2.6**	**4.8**	**91**	**43**	**0.9**	**0**	**3.1**	**4.0**
TX02U7473	117.1	34.7	3.0	3.0	4.4	84	45	1.1	0	0.4	3.8
TAMO 406	**113.8**	**35.5**	**2.8**	**3.6**	**5.6**	**94**	**41**	**2.7**	**0**	**1.1**	**3.8**
TAMO 405	**112.9**	**34.2**	**3.2**	**3.0**	**6.5**	**87**	**35**	**2.9**	**0**	**0.7**	**3.9**
PLOT SPIKE LA9339	**111.8**	**34.2**	**2.7**	**2.8**	**5.1**	**99**	**41**	**0.3**	**1**	**2.9**	**4.2**
LA0001BSBS-5-S2-S-B-S2	102.2	35.8	3.2	3.6	5.5	92	36	0.4	0	1.1	4.5
BROOKS	**70.9**	**29.7**	**4.3**	**2.8**	**4.9**	**92**	**45**	**4.6**	**71**	**3.5**	**4.7**
Mean	**116.5**	**34.5**	**2.8**	**3.3**	**5.1**	**92**	**41**	**1.3**	**6**	**1.8**	**4.3**
CV%	**10**	**3**	**17**	**19**	**11**	**1**	**6**	**74**	**63**	**38**	**16**
LSD (0.10)	**13**	**2**	**NS**	**NS**	**1**	**3**	**3**	**1.5**	**1**	**1.1**	**0.6**

Data from: Baton Rouge and Winnsboro for 2007 and 2008.

Bold indicates a released (commercial) variety, others are non-released breeding lines.

Seed Quality: 0=excellent, plump, bright; 9 = very poor.

Winter Stress is discoloration due to cold and wet weather: 0 = healthy green, 9 = severely discolored & stressed.

Grwoth Habit: 0 = very upright spring growth; 9 = very prostrate winter growth habit.

Lodging and Stem Rust: 0 = none, 9 = severe

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

Table 28. Oat variety trial across Louisiana for three years, 2006, 2007, and 2008.

Brand / variety	Grain Yield	Test Wt	Seed Qual	Winter Stress	Grow Habit	Head Day	Plant Ht	Lod Score	Crown Rust	Stem Rust	Pheno type
	bu/a	lbs/bu				of yr	in	0-9	%	0-9	0-9
TX02U7682	134.3	34.1	2.8	3.2	5.5	85	41	1.3	0	0.6	4.0
HORIZON 270	**129.4**	**34.1**	**2.7**	**4.6**	**4.5**	**87**	**37**	**0.7**	**0**	**1.6**	**4.3**
LA99016	**123.6**	**35.6**	**2.3**	**3.2**	**6.4**	**91**	**45**	**0.9**	**0**	**1.6**	**3.7**
FL99212	122.8	32.8	2.0	2.8	4.3	92	41	0.8	0	3.3	4.7
TX02U7473	**116.2**	**34.2**	**3.0**	**3.0**	**4.4**	**83**	**45**	**2.0**	**0**	**0.4**	**3.9**
TERRAL TROPHY	**114.5**	**35.0**	**2.2**	**2.6**	**4.8**	**89**	**42**	**1.9**	**0**	**3.6**	**4.0**
HORIZON 201	**112.6**	**33.0**	**2.5**	**2.2**	**5.1**	**89**	**46**	**1.6**	**0**	**3.2**	**4.3**
TAMO 405	**110.9**	**33.7**	**3.2**	**3.0**	**6.5**	**85**	**35**	**3.8**	**0**	**0.9**	**3.8**
TAMO 406	**108.0**	**34.5**	**2.8**	**3.6**	**5.6**	**92**	**41**	**3.6**	**0**	**1.2**	**3.6**
PLOT SPIKE LA9339	**105.9**	**33.1**	**2.7**	**2.8**	**5.1**	**98**	**42**	**0.7**	**0**	**2.5**	**4.3**
BROOKS	**73.8**	**29.5**	**4.3**	**2.8**	**4.9**	**90**	**44**	**5.2**	**49**	**4.2**	**4.8**
MEAN	**113.9**	**33.6**	**2.8**	**3.1**	**5.2**	**89**	**42**	**2.0**	**5**	**2.1**	**4.1**
CV%	**10**	**3**	**17**	**21**	**12**	**1**	**5**	**49**	**73**	**40**	**13**
LSD (0.10)	**12**	**1**	**NS**	**NS**	**1**	**2**	**2**	**1.2**	**16**	**1.1**	**0.6**

Data from: Baton Rouge and Winnsboro for 2006, 2007 and 2008.

Bold indicates a released (commercial) variety, others are non-released breeding lines.

Seed Quality: 0=excellent, plump, bright; 9 = very poor.

Winter Stress is discoloration due to cold and wet weather: 0 = healthy green, 9 = severely discolored & stressed.

Grwoth Habit: 0 = very upright spring growth; 9 = very prostrate winter growth habit.

Lodging and Stem Rust: 0 = none, 9 = severe

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

Table 29. Oat variety trial Baton Rouge, LA, 2008.

Brand / variety	Grain Yield	Test Weight	Seed Qual	Grow Habit	Leaf-iness	Wint Stress	Head Day	Plant Ht	Lod Score	Crown Rust	Stem Rust	Phen otype
	bu/a	lbs/bu	0-9	0-9	0-9	0-9	of yr	in	0-9	%	0-9	0-9
HORIZON 270	**126.4**	**34.2**	**2.5**	**4.0**	**6.3**	**3.0**	**87**	**43**	**0.8**	**0**	**2.0**	**4.8**
TX02U7682	119.9	33.7	2.8	5.5	4.5	1.7	86	45	1.0	0	1.0	4.3
LA03046SBS7-B-S1	119.3	34.2	2.3	4.0	5.0	2.7	90	43	1.0	0	1.3	4.0
LA97006GSB-59-2-4-SBS1	115.6	34.3	2.3	4.8	4.5	2.3	90	44	1.3	0	1.3	3.5
FL99153FBS-45-1-B-S-B-S1-B-S	115.4	36.4	1.0	5.3	3.8	1.3	95	43	0.5	0	1.7	3.8
FL99065-D13-E4	111.6	31.9	3.3	5.0	5.3	2.3	94	44	1.3	0	2.0	5.3
HORIZON LA976	**111.5**	**34.9**	**2.5**	**5.5**	**4.0**	**1.3**	**93**	**42**	**1.8**	**0**	**2.3**	**3.8**
TX02U7490	110.2	31.5	2.3	5.0	5.0	1.0	88	48	1.8	0	1.0	4.5
TX02U7325	108.3	31.0	2.3	5.5	4.3	1.0	86	45	2.0	0	0.3	4.5
FL99212-D6	106.7	31.4	1.8	4.5	5.5	2.3	95	44	1.0	0	2.7	5.3
TAMO 406	**106.3**	**35.0**	**2.8**	**5.3**	**4.0**	**1.3**	**92**	**47**	**2.0**	**0**	**1.3**	**4.3**
LA03063SBS14	105.7	35.1	3.0	3.8	5.5	2.0	81	47	1.0	0	1.0	3.5
LA02030SBSBSB-S1	105.6	32.1	3.0	5.0	4.3	1.7	84	44	1.3	0	2.0	5.0
TX02U7473	105.2	33.3	3.0	5.3	4.0	1.0	82	51	1.8	0	0.7	3.8
HORIZON 201	**104.9**	**32.4**	**2.3**	**5.3**	**3.5**	**2.0**	**91**	**49**	**1.5**	**0**	**3.0**	**4.3**
LA99011SBSBSB-45-B-S-B-S2	103.4	33.2	2.3	3.0	6.0	4.0	96	44	0.5	0	1.3	5.8
LA99016	**102.5**	**34.4**	**2.3**	**6.3**	**3.8**	**1.0**	**95**	**49**	**1.0**	**0**	**2.0**	**5.0**
LA02030SB-106-S1-B-S1	99.7	32.9	2.5	4.8	3.5	1.3	93	45	1.0	0	2.7	4.3
TERRAL TROPHY	**98.7**	**34.0**	**2.3**	**4.5**	**4.3**	**1.7**	**91**	**46**	**1.8**	**0**	**3.7**	**4.3**
TAMO 405	**92.2**	**33.1**	**2.8**	**6.0**	**3.8**	**1.0**	**86**	**39**	**4.8**	**0**	**1.0**	**4.5**
LA02029SBSBS48	91.7	35.2	1.3	4.0	5.0	2.7	91	52	1.8	0	2.0	4.5
LA99017SBSBSB-275-C-B-S2	90.0	32.8	2.8	6.8	4.0	1.7	96	53	0.5	0	2.0	4.5
LA99017SBSBSB-275-C-B-S1	86.0	33.2	2.0	6.0	4.3	1.7	96	50	0.5	1	1.3	4.8
LA0001BSBS-5-S2-S-B-S2	83.8	35.6	2.8	6.0	5.3	1.7	94	38	1.0	0	1.0	4.8
PLOT SPIKE LA9339	**77.1**	**31.1**	**2.3**	**5.3**	**3.8**	**1.7**	**96**	**41**	**0.3**	**1**	**3.7**	**4.8**
BROOKS	**21.2**	**22.9**	**5.0**	**4.3**	**4.8**	**2.3**	**92**	**48**	**5.5**	**70**	**4.7**	**6.3**
Mean	**100.7**	**33.1**	**2.5**	**5.0**	**4.5**	**1.8**	**91**	**45**	**1.5**	**3**	**1.9**	**4.5**
CV	**11**	**2**	**22**	**9**	**11**	**31**	**1**	**7**	**62**	**101**	**40**	**13**
LSD	**13.1**	**0.7**	**0.7**	**0.8**	**0.8**	**0.8**	**2**	**5**	**1.1**	**5**	**1.0**	**1.0**

Ben Hur Research Farm, Central Research Stations. Steve Harrison, Kelly Arceneaux, and Glenn Schexnayder.

Planted 11/13/2007. Harvested 5/15/2005. 0.40 oz/acre Amber herbicide + 4.75 oz/acre Harmony X. 0-0-60 preplant fertilizer, 65-0-0 topdress N. Very wet January and dry spring.

Bold indicates a released (commercial) variety, others are non-released breeding lines.

Seed Quality is a visual rating of seed appearance with 0 being best and 9 worst.

Winter Stress is degree of orange/purpling after a very wet January, probably Waterlogging, cold and P-deficiency. 0 = healthy green color and 9 = completely orange or discolored.

Lodging and Stem Rust: 0 = none, 9 = severe

Growth Habit: 0 is very spring-like - upright winter growth habit; 9 = very winter, prostrate growth habit.

Leafines is a visual estimate of the quantity of leaves produced (forage value)

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best, average of 2 ratings.

Table 30. Oat variety trial at Winnsboro, LA in 2008.

Brand / variety	Grain Yield	Test Weight	Head Day	Plant Ht	Lodging Score	Phenotype	Uniformity
	bu/a	lbs/bu	of yr	in	0-9	0-9	0-9
FL99212-D6	152.7	36.1	95	42	0.0	5.0	1.0
TX02U7682	152.1	35.7	88	49	0.3	4.0	1.0
LA02030SBSBSB-S1	150.3	33.4	88	46	0.0	5.0	1.0
LA99016	**149.4**	**37.7**	**97**	**51**	**0.3**	**3.5**	**1.0**
TX02U7490	149.0	33.0	89	42	0.0	3.5	1.0
LA99011SBSBSB-45-B-S-B-S2	147.9	36.1	102	43	0.0	5.0	1.5
HORIZON 270	**146.5**	**34.4**	**88**	**40**	**0.0**	**4.0**	**1.0**
PLOT SPIKE LA9339	**145.1**	**36.2**	**107**	**47**	**0.3**	**4.5**	**1.0**
FL99153FBS-45-1-B-S-B-S1-B-S	144.0	38.0	97	42	0.3	4.0	1.0
LA02030SB-106-S1-B-S1	144.0	34.4	94	46	0.3	4.0	1.5
LA97006GSB-59-2-4-SBS1	142.5	35.1	93	38	0.0	4.5	2.0
LA03046SBS7-B-S1	141.4	37.7	93	37	0.0	5.0	2.0
TX02U7473	138.9	36.7	86	47	0.8	3.5	1.5
LA99017SBSBSB-275-C-B-S2	138.4	35.5	104	55	0.0	4.5	1.0
HORIZON LA976	**138.4**	**35.9**	**96**	**46**	**0.5**	**3.0**	**1.0**
LA99017SBSBSB-275-C-B-S1	135.1	35.5	95	57	0.0	4.5	1.0
FL99065-D13-E4	133.0	33.5	93	46	3.5	3.5	1.0
HORIZON 201	**132.8**	**35.3**	**94**	**53**	**1.3**	**5.0**	**1.5**
LA03063SBS14	130.2	35.0	87	44	0.8	5.0	1.5
TERRAL TROPHY	**129.5**	**37.5**	**93**	**48**	**1.0**	**3.5**	**1.0**
LA02029SBSBS48	129.2	37.0	94	48	1.8	4.0	1.0
TX02U7325	127.4	33.4	88	41	2.8	4.5	2.0
TAMO 405	**122.9**	**35.8**	**88**	**36**	**4.5**	**3.0**	**1.0**
TAMO 406	**119.7**	**36.7**	**98**	**44**	**6.5**	**3.0**	**1.0**
LA0001BSBS-5-S2-S-B-S2	103.3	35.9	94	41	0.0	4.5	1.0
BROOKS	**101.6**	**35.5**	**93**	**51**	**7.3**	**4.0**	**1.0**
Mean	**136.4**	**35.7**	**93**	**45**	**1.2**	**4.1**	**1.2**
CV	**7**	**5**	**3**	**7**	**72**	**18**	**26**
LSD	**11.7**	**2.1**	**3**	**5**	**1.0**	**1.3**	**0.5**

Macon Ridge Research Station. Winnsboro, LA. Rick Mascagni, Bubba Bell, Boyd Padgett, Myra Purvis, and Bubba Bell.

Cultural and Site: Planted: Gigger silt loam, grain sorghum previous. Planted Oct 29, 2007. Harvested: May 20, 2008. Fertilizer: 60-0-0 on 2/11/08. Herbicides: 0.4 oz/acre Amber on 11/20/2007.

Bold indicates a released (commercial) variety, others are non-released breeding lines.

Seed Quality is a visual rating of seed appearance with 0 being best and 9 worst.

Lodging: 0 = none, 9 = severe

Uniformity: 0 = no offtypes, 9 = very ragged.

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best, average of 2 ratings.

Table 31. 2007-08 USDA Uniform Winter Oat Yield Nursery at Baton Rouge, LA.

Cooperator: S Harrison, K. Arceneaux, G Schexnayder **No. Reps: 3** **Plot size (ft2): 70** **Plant: 11/19/07** **Harv: 5/15/2008**

Entry	Designation	Grain Yield		Test weight	Seed Quality	Grow Habit	Wint Stress	Leafiness	Head Day	Plt Ht	Lodging	Crown rust	Stem Rust	Pheno type
		bu/A	rnk	lb/bu	0-9	0-9	0-9	0-9	of yr	in	0-9	%	0-9	0-9
23	TX02U7682	142.9	1	34.7	3.0	4.5	2.5	3.8	86	50	1.3	0	1.7	4.3
8	FL0115-J2	130.8	2	34.2	5.0	4.0	2.5	4.5	90	53	1.0	0	1.7	4.8
11	LA97006GSB-59-2-4-SBS1	129.3	3	34.0	2.3	3.5	3.0	5.5	90	49	2.3	0	0.7	4.0
21	TX02U7443	126.0	4	32.8	3.7	5.0	1.5	4.5	90	52	1.0	0	2.3	4.8
20	TX02U7325	123.7	5	30.9	3.7	4.0	1.0	4.8	81	49	3.7	0	2.7	3.8
2	**TAM-O-397**	**123.2**	**6**	**32.4**	**2.7**	**4.0**	**1.5**	**3.8**	**82**	**55**	**1.3**	**0**	**1.0**	**4.0**
10	FL99153FBS-45-1-B-S-B-S1-B-S1	121.1	7	35.6	3.3	5.5	2.0	3.8	94	47	1.0	0	1.0	4.0
22	TX02U7490	121.0	8	31.8	3.7	4.0	2.0	3.5	85	52	1.7	0	1.7	4.8
13	LA9911SBSBSB-45-B-S-B-S2	120.9	9	32.2	3.0	3.0	4.0	5.5	96	50	1.0	0	0.7	4.8
15	LA03046SBS7-B-S1	117.7	10	34.1	2.7	4.0	2.5	5.5	90	48	1.0	0	1.0	3.8
24	TX05CS347-1	109.4	11	32.8	2.3	5.0	2.0	4.0	92	47	1.0	0	3.0	4.5
14	LA02030-S-B-106-S1-B-S1	101.5	12	32.5	4.0	4.0	2.0	4.8	91	49	1.0	0	3.3	4.3
6	**Horizon 201**	**100.6**	**13**	**31.2**	**3.3**	**4.5**	**2.0**	**4.0**	**92**	**55**	**1.3**	**0**	**4.3**	**5.3**
12	LA99017SBSBSB-275-C-B-S2	97.0	14	32.4	4.3	6.0	2.0	3.3	95	55	1.0	0	1.0	4.3
7	FL99212-D6	96.9	15	29.6	3.0	3.5	3.5	5.5	91	51	1.0	0	4.0	4.8
25	TX05CS542	93.8	16	29.8	3.0	3.5	0.5	4.8	78	51	1.3	2	6.0	4.5
4	**HORIZON 321**	**91.2**	**17**	**33.7**	**3.7**	**5.5**	**3.5**	**5.8**	**96**	**47**	**1.3**	**5**	**3.3**	**5.3**
9	FL0115-J4	80.3	18	32.1	4.3	4.0	2.5	4.8	90	56	2.0	0	3.0	5.3
19	NC03-2421	77.0	19	28.2	3.7	5.0	1.0	4.5	88	48	1.0	2	5.0	5.0
17	NC02-8057	71.0	20	28.2	3.0	6.0	0.0	4.0	92	48	1.3	28	2.7	5.5
5	FL99084-J2	62.3	21	30.9	5.3	3.0	4.5	5.5	82	44	2.7	0	5.7	6.0
3	**Harrison**	**55.6**	**22**	**29.3**	**3.3**	**5.5**	**1.0**	**4.8**	**91**	**54**	**2.3**	**3**	**5.3**	**4.5**
16	NC01-3497	27.2	23	22.5	3.7	5.5	1.0	4.0	92	50	5.0	58	3.3	5.8
1	**Rodgers**	**24.1**	**24**	**22.3**	**4.7**	**5.0**	**1.0**	**3.8**	**92**	**53**	**3.3**	**45**	**5.0**	**5.8**
18	NC02-8331	6.3	25		3.3	6.5	1.0	3.8	96	42	3.3	60	2.7	6.0
	Mean	**93.7**		**31.2**	**3.5**	**4.6**	**2.0**	**4.5**	**90**	**50**	**1.8**	**8**	**2.9**	**4.8**
	CV	**17**		**3**	**18**	**12**	**21**	**11**	**1**	**4**	**49**	**81**	**53**	**10**
	LSD (0.10)	**21.9**		**1.4**	**0.9**	**1.0**	**0.7**	**0.8**	**1.6**	**3.3**	**1.2**	**9.0**	**2.1**	**0.8**

Comments: ***Please include here growing conditions during the year.***

Heavy stem rust pressure, good yields

Seed Quality: 0 = very bright, well-filled; 9 = very poor

Growth Habit is mid-winter rating whre 0 = very upright spring type and 9 = very prostrate winter type.

Stem Rust rating of 0 = none; 9 = very severe

Winter Stress is a visual rating of degreee of mid-winter red/purpling/yellowing. 0 = no discoloration; 9 = severe.

Leafiness is average of 2 mid-winter ratings: 0 = very leafy, 9 = few leaves.

Phenotype: 0 = excellent visual appearance; 5 = average; 9 = very poor; average of 4 ratings across spring.

0.35 oz/acre Amber herbicide plus Harmony Extra. 0-0-60 preplant fertilizer, 65-0-0-4 topdress.

Table 32. SUNOAT at Baton Rouge, LA, 2008.

Designation	Ent	Grain Yield bu/a	rnk	Test Weight lbs/bu	rnk	Seed Qual 0-9	Grow Habit 0-9	Leaf-iness 0-9	Wint Stress 0-9	Head Day of yr	Plant Ht in	Lod Score 0-9	Crown Rust %	Stem Rust 0-9	Phen otype 0-9
LA99016 CHECK	**1**	**88.2**	**18**	**33.9**	**10**	**1.5**	**5.8**	**2.5**	**1.0**	**94**	**50**	**0.0**	**0**	**1.0**	**4.0**
NC01-3497	2	63.4	31	25.3	37	2.0	6.5	4.3	0.5	94	45	0.5	20	1.5	5.3
NC02-8057v	3	56.4	34	29.2	31	2.5	7.5	4.0	0.5	95	43	1.0	19	2.5	5.5
NC02-8331y	4	16.4	39	22.4	40	2.0	7.0	4.0	1.0	97	35	4.5	64	1.0	8.3
NC03-2421v	5	86.4	20	31.1	24	2.5	5.8	3.8	1.0	92	46	0.5	1	3.5	5.3
NC03-2567v	6	61.1	33	29.7	29	2.5	5.0	3.3	0.5	89	47	2.5	34	2.0	6.0
NC03-3400	7	77.9	27	30.9	25	2.0	4.8	4.8	2.0	87	47	0.0	9	3.0	5.3
NC05-5455v	8	52.5	35	28.3	35	2.5	5.3	4.3	1.0	96	41	0.5	38	2.0	6.8
NC05-5456y	9	61.3	32	28.6	34	3.0	6.0	4.8	1.0	97	36	0.0	28	1.0	6.5
NC05-5460	10	30.2	38	26.0	36	2.5	6.5	3.8	1.0	93	45	4.0	39	3.0	6.8
NC05-5496v	11	31.2	37	25.2	38	2.5	5.8	3.5	1.0	92	42	1.0	16	7.5	7.0
NC05-5579N	12	14.5	40	42.6	1	2.0	4.5	3.5	1.0	78	44	0.5	0	4.5	4.8
NC05-5633y	13	69.2	29	28.7	33	2.5	6.3	5.3	0.5	86	41	5.0	20	1.0	5.8
RODGERS CHECK	**14**	**32.9**	**36**	**24.2**	**39**	**2.5**	**5.8**	**3.5**	**0.0**	**92**	**52**	**1.0**	**19**	**3.5**	**6.0**
FL0104FSB-116-S1-B-S2-B-S1	15	95.7	11	34.0	7	3.0	4.0	5.0	1.5	85	43	0.5	0	1.5	4.0
FL0206FSB-34-S1-B-S1	16	93.4	14	32.6	16	3.0	3.0	5.0	2.0	85	47	3.0	0	1.0	4.0
FL99065-D13-E4	17	114.6	1	30.4	26	3.5	4.3	4.3	1.5	92	48	1.5	0	1.0	4.0
FL99181-J11	18	80.6	25	29.6	30	1.0	5.3	4.5	1.0	98	45	0.0	0	1.0	4.8
LA0001BSBS-5-S2-S-B-S2	19	63.6	30	34.9	4	3.5	6.0	4.5	1.0	94	37	0.0	0	1.5	5.0
LA02029SBSBS48	20	86.6	19	33.9	8	1.5	4.5	5.0	2.0	93	51	1.0	0	1.5	4.3
LA02030SBSBSB-S1	21	110.7	3	31.5	20	3.0	4.8	4.3	1.0	86	45	0.5	0	1.5	5.0
LA02035-I-J1	22	104.1	5	34.5	6	1.5	5.5	3.8	1.5	94	47	0.0	0	1.0	4.0
LA02035-I-J2	23	83.4	22	32.4	17	1.5	4.3	4.3	1.0	93	47	0.0	5	1.0	4.8
LA03063SBS14	24	100.5	10	34.7	5	2.5	4.5	5.5	1.5	83	46	0.0	0	1.0	3.3
LA04004SBSB-S2	25	78.5	26	32.7	15	3.0	3.5	5.8	3.5	82	47	1.0	1	3.0	6.0
LA99017SBSBSB-275-C-B-S1	26	81.6	24	32.7	14	2.5	6.8	3.5	2.0	96	50	0.0	0	1.0	4.5
HORIZON 270 CHECK	**27**	**103.5**	**6**	**33.3**	**12**	**2.5**	**4.3**	**5.8**	**2.0**	**91**	**43**	**0.0**	**0**	**1.5**	**4.3**
FL0046-E7	28	82.0	23	33.1	13	2.0	4.8	3.8	2.0	91	50	0.5	0	1.5	4.5
FLQR1805-J12	29	112.2	2	32.2	18	2.0	2.5	4.5	3.0	83	51	1.0	0	3.0	5.3
FLQR1812-J5	30	101.0	7	33.8	11	3.0	3.3	5.0	2.0	87	46	0.5	3	0.5	5.0
FL0047-J9	31	90.5	17	28.9	32	3.0	4.0	5.0	1.0	83	44	1.0	0	4.5	5.5
FLQR1837-J2	32	93.2	15	30.0	28	2.5	4.8	4.3	1.0	81	45	1.0	0	0.5	4.3
FL0047-J2	33	84.0	21	35.2	3	2.0	6.3	3.8	1.0	93	44	0.0	0	0.5	4.3
FL0108-J5	34	106.0	4	30.0	27	2.5	2.8	4.8	2.5	77	43	0.5	0	2.5	5.3
FL0210-J1	35	100.8	9	33.9	9	2.5	5.8	5.0	1.0	94	48	0.0	0	0.5	3.8
LA03028S-K1	36	92.5	16	32.2	19	2.5	4.0	5.3	2.0	95	50	0.0	0	1.5	4.8
FL03003-K7	37	75.7	28	31.2	22	2.5	6.0	3.8	1.0	95	51	1.0	0	1.5	4.0
FL03052-K4	38	94.2	13	36.1	2	2.5	5.8	5.5	0.5	86	47	1.0	0	2.0	4.5
FL03068-K2	39	95.2	12	31.3	21	3.0	4.5	3.5	1.0	87	44	0.5	0	2.5	4.8
HORIZON 201 CHECK	**40**	**101.0**	**8**	**31.1**	**23**	**3.0**	**5.3**	**4.3**	**1.5**	**92**	**48**	**1.5**	**0**	**3.5**	**4.8**
Mean		**79.9**		**31.4**		**2.4**	**5.1**	**4.4**	**1.3**	**90**	**45**	**0.9**	**8**	**2.0**	**5.0**
CV%		**20**		**3**		**26**	**8**	**12**	**28**	**1**	**3**	**140**	**89**	**43**	**9**
LSD (0.10)		**27.7**		**1.7**		**1.1**	**0.7**	**0.9**	**0.6**	**2**	**3**	**2.2**	**12**	**1.5**	**0.7**

Ben Hur Research Farm, Central Research Stations. Steve Harrison, Kelly Arceneaux, and Glenn Schexnayder.

Planted 11/13/2007. Harvested 5/15/2008. 0.40 oz/acre Amber herbicide + 4.75 oz/acre Harmony X. 0-0-60 preplant fertilizer, 65-0-0 topdress N. Very wet January and dry spring.

Bold indicates a released (commercial) variety, others are non-released breeding lines.

Seed Quality is a visual rating of seed appearance with 0 being best and 9 worst.

Winter Stress is degree of orange/purpling after a very wet January, probably Waterlogging, cold and P-deficiency. 0 = healthy green color and 9 = completely orange or discolored.

Lodging and Stem Rust: 0 = none, 9 = severe

Growth Habit: 0 is very spring-like - upright winter growth habit; 9 = very winter, prostrate growth habit.

Leafines is a visual estimate of the quantity of leaves produced (forage value)

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best, average of 2 ratings.

Table 33. Oat Prelim-A at Baton Rouge, LA, 2008.

Brand / variety	Grain Yield	Test Wt	Seed Qual	Grow Habit	Leaf-iness	Wint Stress	Head Day	Plant Ht	Lod Score	Crn Rust	Stem Rust	Pheno type
	bu/a	lbs/bu	0-9	0-9	0-9	0-9	of yr	in	0-9	%	0-9	0-9
WIX8347-2	132.3	35.0	1.0	2.5	5.0	2.0	92	55	1.5	0	0.5	5.5
HORIZONZN 270	**132.3**	**33.7**	**2.5**	**3.8**	**5.3**	**2.0**	**86**	**47**	**0.5**	**0**	**2.0**	**4.7**
FL99113-J1	129.5	31.9	2.0	3.8	3.5	1.0	76	45	3.0	10	1.5	4.5
FL0104FSB-116-S1-B-S2-B-S1	118.2	35.1	3.0	4.0	4.5	1.0	84	45	1.0	0	3.5	4.8
LA02035-I-J1	118.0	35.1	2.0	5.0	4.0	2.0	93	47	0.0	0	1.0	4.5
LA976	**113.0**	**35.4**	**1.5**	**5.8**	**4.3**	**2.0**	**93**	**46**	**1.0**	**0**	**1.0**	**4.0**
LA99016	**110.9**	**35.1**	**1.5**	**5.8**	**3.0**	**1.0**	**92**	**53**	**1.0**	**0**	**1.0**	**4.0**
LA02030SBSBSBS-3	110.0	32.4	2.0	5.5	4.3	1.0	95	47	0.0	0	1.0	3.5
LA9911SBSBSB-45-B-S-B-S2-B	109.5	33.7	1.5	3.0	5.5	4.0	96	46	0.0	0	0.5	5.2
LA04009SBSB-S4	103.3	35.0	2.5	6.5	3.8	1.0	91	50	3.0	0	1.0	4.0
LA02030-S-B-106-S1-B-S2-B-S1	98.6	32.1	2.5	4.3	4.3	2.0	91	49	0.5	0	2.5	4.2
LA0001BSBS-5-S1-B-B-S3-B-S	98.4	37.8	1.0	5.3	3.5	1.0	85	46	4.5	0	2.0	3.8
LA02035-I-J2	97.8	33.1	1.0	4.8	4.0	1.5	93	49	0.5	2	1.0	4.2
LA04004SBSB-S2	94.4	33.9	2.0	3.3	5.0	2.5	79	55	1.5	2	3.0	5.7
QR1860BSB-S1	79.4	32.8	2.0	3.0	4.3	2.0	80	50	6.0	3	1.5	4.8
FL99181-J11	73.4	30.2	1.0	4.8	3.8	2.0	97	48	2.0	4	0.5	5.0
FL0206FSB-34-S1-B-S1	66.0	33.1	2.5	3.0	4.8	2.0	86	48	7.0	0	0.5	4.7
BROOKS	**5.4**		**2.0**	**4.0**	**5.0**	**2.5**	**92**	**44**	**8.0**	**85**	**2.0**	**7.0**
Mean	**99.5**	**33.8**	**1.9**	**4.3**	**4.3**	**1.8**	**89**	**48**	**2.3**	**6**	**1.4**	**4.7**
CV	**11**	**2**	**24**	**6**	**14**	**16**	**1**	**6**	**41**	**93**	**54**	**9**
LSD	**18.9**	**1.0**	**0.8**	**0.4**	**1.0**	**0.5**	**2**	**5**	**1.6**	**9**	**1.3**	**0.7**

Ben Hur Research Farm, Central Research Stations. Steve Harrison, Kelly Arceneaux, and Glenn Schexnayder.

Planted 11/13/2007. Harvested 5/15/2005. 0.40 oz/acre Amber herbicide + 4.75 oz/acre Harmony X. 0-0-60 preplant fertilizer, 65-0-0 topdress N. Very wet January and dry spring.

Bold indicates a released (commercial) variety, others are non-released breeding lines.

Seed Quality is a visual rating of seed appearance with 0 being best and 9 worst.

Winter Stress is degree of orange/purpling after a very wet January, probably Waterlogging, cold and P-deficiency. 0 = healthy green color and 9 = completely orange or discolored.

Lodging and Stem Rust: 0 = none, 9 = severe

Growth Habit: 0 is very spring-like - upright winter growth habit; 9 = very winter, prostrate growth habit.

Leafines is a visual estimate of the quantity of leaves produced (forage value)

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best, average of 2 ratings.

Table 34. Oat Prelim-A at Winnsboro, LA in 2008.

Brand / variety	Grain Yield	Test Weight	Head Day	Plant Ht	Lodging Score
	bu/a	lbs/bu	of yr	in	0-9
LA99016	**157.4**	**33.5**	**97**	**46**	**0.0**
LA9911SBSBSB-45-B-S-B-S2-B-S1-I	151.1	32.8	104	45	0.0
LA02030SBSBSBS-3	142.3	31.2	102	37	0.0
LA02035-I-J2	141.2	33.6	101	43	0.0
HORIZON 270	**138.1**	**32.5**	**90**	**48**	**0.0**
LA976	**135.9**	**33.9**	**97**	**46**	**1.5**
LA02030-S-B-106-S1-B-S2-B-S1	133.8	30.4	94	50	0.0
FL99181-J11	130.7	34.0	105	51	2.5
LA04009SBSB-S4	124.1	32.2	94	44	8.5
WIX8347-2	123.1	33.9	94	48	7.0
FL99113-J1	120.2	31.2	83	47	8.0
LA04004SBSB-S2	120.1	33.0	88	44	1.0
LA02035-I-J1	116.6	31.7	98	47	0.0
FL0206FSB-34-S1-B-S1	112.9	32.3	89	48	7.5
BROOKS	**111.7**	**32.8**	**94**	**44**	**8.5**
FL0104FSB-116-S1-B-S2-B-S1	111.1	34.3	87	43	8.0
QR1860BSB-S1	108.2	33.4	83	49	9.0
LA0001BSBS-5-S1-B-B-S3-B-S	101.7	35.8	88	46	8.0
Mean	**126.7**	**32.9**	**94**	**46**	**3.9**
CV	**9**	**3**	**2**	**7**	**31**
LSD	**19.6**	**1.5**	**3**	**6**	**2.1**

Macon Ridge Research Station. Winnsboro, LA. Rick Mascagni, Bubba Bell, Boyd Padgett, Myra Purvis, and Bubba Bell.

Cultural and Site: Planted: Gigger silt loam, grain sorghum previous. Planted Oct 29, 2007. Harvested: May 20, 2008. Fertilizer: 60-0-0 on 2/11/08. Herbicides: 0.4 oz/acre Amber on 11/20/2007.

Bold indicates a released (commercial) variety, others are non-released breeding lines.

Seed Quality is a visual rating of seed appearance with 0 being best and 9 worst.

Lodging: 0 = none, 9 = severe

Uniformity: 0 = no offtypes, 9 = very ragged.

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best, average of 2 ratings.

Table 35. Oat Prelim-A across Baton Rouge and Winnsboro, LA, 2008.

Brand / variety	Grain Yield	Test Wt	Seed Qual	Grow Habit	Leaf-iness	Wint Stress	Head Day	Plant Ht	Lod Score	Crn Rust	Stem Rust	Pheno type
	bu/a	lbs/bu	0-9	0-9	0-9	0-9	of yr	in	0-9	%	0-9	0-9
HORIZONZN 270	**135.2**	**33.1**	**2.5**	**3.8**	**5.3**	**2.0**	**88**	**47**	**0.3**	**0**	**2.0**	**4.7**
LA99016	**134.2**	**34.3**	**1.5**	**5.8**	**3.0**	**1.0**	**95**	**50**	**0.5**	**0**	**1.0**	**4.0**
LA9911SBSBSB-45-B-S-B-S2-B-S1-B-S	130.3	33.2	1.5	3.0	5.5	4.0	100	45	0.0	0	0.5	5.2
WIX8347-2	127.7	34.4	1.0	2.5	5.0	2.0	93	52	4.3	0	0.5	5.5
LA02030SBSBSBS-3	126.2	31.8	2.0	5.5	4.3	1.0	99	42	0.0	0	1.0	3.5
FL99113-J1	124.8	31.5	2.0	3.8	3.5	1.0	79	46	5.5	10	1.5	4.5
LA976	**124.5**	**34.6**	**1.5**	**5.8**	**4.3**	**2.0**	**95**	**46**	**1.3**	**0**	**1.0**	**4.0**
LA02035-I-J2	119.5	33.3	1.0	4.8	4.0	1.5	97	46	0.3	2	1.0	4.2
LA02035-I-J1	117.3	33.4	2.0	5.0	4.0	2.0	96	47	0.0	0	1.0	4.5
LA02030-S-B-106-S1-B-S2-B-S1	116.2	31.3	2.5	4.3	4.3	2.0	93	49	0.3	0	2.5	4.2
FL0104FSB-116-S1-B-S2-B-S1	114.7	34.7	3.0	4.0	4.5	1.0	85	44	4.5	0	3.5	4.8
LA04009SBSB-S4	113.7	33.6	2.5	6.5	3.8	1.0	92	47	5.8	0	1.0	4.0
LA04004SBSB-S2	107.3	33.5	2.0	3.3	5.0	2.5	83	49	1.3	2	3.0	5.7
FL99181-J11	102.1	32.1	1.0	4.8	3.8	2.0	101	50	2.3	4	0.5	5.0
LA0001BSBS-5-S1-B-B-S3-B-S	100.0	36.8	1.0	5.3	3.5	1.0	87	46	6.3	0	2.0	3.8
QR1860BSB-S1	93.8	33.1	2.0	3.0	4.3	2.0	81	50	7.5	3	1.5	4.8
FL0206FSB-34-S1-B-S1	89.4	32.7	2.5	3.0	4.8	2.0	87	48	7.3	0	0.5	4.7
BROOKS	**58.5**	**32.8**	**2.0**	**4.0**	**5.0**	**2.5**	**93**	**44**	**8.3**	**85**	**2.0**	**7.0**
Mean	**113.1**	**33.4**	**1.9**	**4.3**	**4.3**	**1.8**	**91**	**47**	**3.1**	**6**	**1.4**	**4.7**
CV	**10**	**2**	**24**	**6**	**14**	**16**	**2**	**7**	**35**	**93**	**54**	**9**
LSD	**35.6**	**2.0**	**0.8**	**0.4**	**1.0**	**0.5**	**3**	**5**	**3.2**	**9**	**1.3**	**0.7**

Bold indicates a released (commercial) variety, others are non-released breeding lines.

Seed Quality is a visual rating of seed appearance with 0 being best and 9 worst.

Winter Stress is degree of orange/purpling after a very wet January, probably Waterlogging, cold and P-deficiency. 0 = healthy green color and 9 = completely orange or discolored.

Lodging and Stem Rust: 0 = none, 9 = severe

Growth Habit: 0 is very spring-like - upright winter growth habit; 9 = very winter, prostrate growth habit.

Leafines is a visual estimate of the quantity of leaves produced (forage value)

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best, average of 2 ratings.

Table 36. Oat Prelim-B at Baton Rouge, LA, 2008.

Variety / Line	Grain Yield	Test Weight	Seed Qual	Wint Stress	Leaf-iness	Grow Habit	Head Day	Plant Ht	Lod Score	Crown Rust	Stem Rust	Phenotype
	bu/a	lbs/bu	0-9	0-9	0-9	0-9	of yr	in	0-9	%	0-9	0-9
HORIZON 270	**145.7**	**34.0**	**3.0**	**2.5**	**5.0**	**4.0**	**86**	**49**	**0.5**	**0**	**1.0**	**4.2**
LA04004SBSB-61-B-S1	126.8	36.0	1.5	1.0	4.3	6.0	89	50	1.0	0	1.0	3.8
FL03167BSBS-3	126.0	33.2	1.5	1.0	3.5	4.5	76	44	2.5	0	1.0	5.0
LA04008SBSB-99-B-S1	123.2	28.8	2.0	1.5	3.3	3.5	79	56	3.5	0	1.0	4.8
LA04008SBSB-74-B-S1	122.1	31.5	2.5	1.5	4.8	3.3	82	52	5.0	0	2.5	5.4
FL03167BSB-103-B-S1	117.8	32.2	2.0	2.0	4.0	2.3	78	59	2.5	0	1.0	4.8
LA99016	**116.2**	**34.6**	**2.0**	**1.0**	**3.3**	**6.3**	**95**	**55**	**1.0**	**0**	**0.5**	**3.8**
FL03146-FLID-B-S-2	116.0	33.7	1.5	2.0	4.8	4.5	86	49	3.5	3	1.0	5.6
LA9825BSB-38-B-8-B-S-B-S2-B	114.8	32.9	1.0	2.0	4.0	5.5	92	51	1.0	0	1.5	4.7
LA03060SBSBSBS-4	111.7	29.4	1.5	1.5	3.5	3.8	79	51	2.0	3	3.0	5.0
LA02035-I-J2-B-S1	109.7	32.8	2.0	1.5	4.3	5.3	93	52	0.0	1	1.0	4.8
LA02029SBSBS48-G-S1	104.3	34.7	1.0	2.5	4.8	5.3	91	53	3.0	0	1.0	4.7
HORIZON 201	**103.0**	**30.7**	**2.0**	**1.0**	**4.3**	**5.5**	**91**	**54**	**1.5**	**0**	**2.0**	**4.6**
TROPHY	**101.9**	**31.4**	**1.5**	**2.0**	**3.8**	**4.5**	**88**	**54**	**2.0**	**0**	**3.5**	**3.6**
FL04176-S06-11-B-S1	96.1	34.1	1.0	2.0	4.0	3.8	84	51	8.0	0	0.0	4.4
LA02054SBSBSBSB-38-B-S1	94.6	31.0	1.0	1.0	3.3	6.5	93	54	0.5	0	1.0	4.6
FL03167BSB-113-B-S1	90.3	28.6	1.5	1.0	3.5	5.8	90	44	0.5	0	3.5	4.2
LA02050SBSBSBSB-57-B-S1	83.5	32.9	1.5	1.5	4.3	5.3	90	57	2.5	0	0.5	5.2
LA03040SBSBSBS-4	80.6	30.4	1.0	1.0	3.5	6.5	95	46	0.5	5	1.5	4.1
LA03029SBSBSBS-4	80.0	30.0	2.0	1.5	3.3	4.5	93	50	2.5	4	1.5	4.7
LA03029SBSBSBS-2	78.0	30.7	1.5	1.0	5.3	6.0	97	47	1.0	8	1.0	4.7
FL03042BSB-69-B-S1	77.0	32.5	1.5	1.5	4.5	3.8	78	61	7.0	0	4.0	5.4
FL03167BSB-76-B-S1	73.1	28.6	2.0	2.0	4.8	2.0	78	61	7.0	0	6.0	6.1
FL03042BSB-61-B-S1	71.7	35.0	1.0	2.0	4.5	3.0	76	60	8.0	0	3.5	5.7
LA03040SBSBSBS-BS	70.0	31.2	2.0	2.0	4.5	4.8	95	47	1.5	5	1.5	6.2
LA04022SBSBS-4	65.9	32.5	2.5	0.5	4.0	6.3	85	45	8.5	3	0.5	4.8
LA04022SBSB-55-B-S1	62.4	32.2	2.5	1.5	4.5	6.0	88	43	8.0	3	1.0	4.8
FL0238BSB-82-B-S1	47.4	30.0	1.5	1.0	3.5	5.5	92	52	5.0	63	1.5	5.1
FL03167BSB-71-B-S1	45.8	30.1	2.5	1.0	3.3	5.8	79	51	8.5	15	3.0	5.3
LA02079SBSBSBSB-33-B-S1	33.2	35.0	2.5	1.0	5.0	5.8	91	54	8.0	0	1.5	4.6
LA04008SBSB-158-B-S1	27.4	23.9	3.5	2.0	3.8	4.0	91	50	8.0	55	2.5	6.0
BROOKS	**3.3**	**20.0**	**2.0**	**3.0**	**4.5**	**4.3**	**91**	**51**	**8.5**	**95**	**1.0**	**6.2**
Mean	**88.1**	**31.6**	**1.8**	**1.5**	**4.1**	**4.8**	**87**	**51**	**3.8**	**8**	**1.8**	**4.9**
CV%	**19**	**3**	**32**	**27**	**9**	**8**	**2**	**4**	**33**	**50**	**52**	**8**
LSD (0.10)	**29.0**	**1.8**	**1.0**	**0.7**	**0.6**	**0.6**	**2**	**3**	**2.2**	**7**	**1.5**	**0.7**

Ben Hur Research Farm, Central Research Stations. Steve Harrison, Kelly Arceneaux, and Glenn Schexnayder.

Planted 11/13/2007. Harvested 5/15/2008. 0.40 oz/acre Amber herbicide + 4.75 oz/acre Harmony X. 0-0-60 preplant fertilizer, 65-0-0 topdress N. Very wet January and dry spring.

Bold indicates a released (commercial) variety, others are non-released breeding lines.

Seed Quality is a visual rating of seed appearance with 0 being best and 9 worst.

Winter Stress is degree of orange/purpling after a very wet January, probably Waterlogging, cold and P-deficiency. 0 = healthy green color and 9 = completely orange or discolored.

Lodging and Stem Rust: 0 = none, 9 = severe

Growth Habit: 0 is very spring-like - upright winter growth habit; 9 = very winter, prostrate growth habit.

Leafines is a visual estimate of the quantity of leaves produced (forage value)

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best, average of 2 ratings.

Table . Elite Nuda Oat at Baton Rouge, LA, 2008.

Brand / variety	Grain Yield	Test Weight	Seed Qual	Seed Color	Nuda Pct	Head Day	Plant Ht	Lod Score	Crown Rust	Stem Rust	Phen otype
	bu/a	lbs/bu	0-9	0-9	%	of yr	in	0-9	%	0-9	0-9
TROPHY (HULLED)	**101.7**	**34.9**	**2.0**		**0.0**	**90**	**47**	**0.0**	**0**	**3.0**	**4.6**
HORIZON 321 (HULLED)	**83.4**	**32.2**	**2.0**		**0.0**	**96**	**39**	**0.5**	**5**	**2.8**	**5.8**
FL03011-K4	**79.7**	**43.0**	**1.0**	**2.0**	**98.0**	**83**	**44**	**1.0**	**3**	**1.3**	**4.8**
FL0117-J2	76.1	32.1	2.0		0.0	88	49	1.0	0	2.5	4.3
FL03184-K6	74.1	35.9	1.0	2.0	98.0	80	52	1.0	0	2.3	4.3
FL03184-K5	73.1	36.4	1.0	2.0	98.0	83	54	1.0	0	1.5	4.5
FL03184-K9	72.9	36.9	1.0	2.0	99.0	84	52	0.5	0	1.5	4.0
LA02012-S-B-139-S2-B-S1	72.5	38.2	1.0	1.5	98.0	88	43	2.0	0	1.0	4.5
LA02012-S-B-139-S2-B-S1X	71.3	36.9	1.0	1.5	98.5	86	44	3.0	1	0.8	3.7
LA02043-S-B-80-S2-B-S1	70.8	39.5	1.0	2.0	100.0	93	48	0.0	0	2.5	4.3
FL03184-K9X	65.0	36.5	1.0	2.0	99.0	82	52	1.0	0	2.0	4.3
FL99155-P1	64.8	37.3	1.0	1.0	98.0	91	41	0.0	0	3.3	4.5
LA02072SBSBSB-	64.2	39.8	1.5	1.0	100.0	81	56	1.0	0	3.8	5.0
FL03184-K3	64.1	35.3	1.0	2.0	95.0	82	53	1.0	0	1.8	4.3
LA0008B1-H5	63.0	33.2	2.0	1.0	96.5	96	49	1.0	1	2.0	3.9
FL03184-K1	62.4	35.8	1.0	2.0	99.0	80	52	1.0	0	2.8	4.3
LA01008B-S1-B-14-S2-B-S1	61.4	38.6	1.0	1.0	99.0	84	48	2.0	0	3.5	4.3
LA02066-S-B-140-S2-B-S2	57.1	37.2	1.5	1.5	95.0	86	49	1.0	3	2.8	4.5
LA02010SBSBSBSB-S1	56.0	39.3	1.0	1.0	98.0	88	49	1.5	8	2.3	5.3
LA02012-S-B-139-S2-B-S2-B-S2	52.8	38.4	1.0	1.0	98.0	87	42	3.0	0	0.8	3.9
LA99012SBSBS -3-3-B-S-B-S2-I	52.8	40.2	1.0	1.0	98.0	88	44	2.0	0	1.5	4.3
FL03011-K3	52.5	39.4	1.5	2.5	99.0	81	46	1.0	0	3.0	5.5
LA02010SBSBSBSB-S2	51.3	40.5	1.0	1.0	99.0	91	47	0.5	0	4.0	5.4
Caballo	**51.1**	**33.7**	**1.0**	**1.0**	**96.5**	**91**	**42**	**0.5**	**4**	**3.0**	**4.7**
LA99012SBSBS-21-SBS2	50.5	40.9	1.0	2.0	96.5	92	55	2.0	0	1.8	4.7
LA9914IBIBI-5-1-H15	50.0	39.6	1.0	2.0	99.0	96	53	1.0	0	1.8	4.8
LA02043-S-B-80-S2-B-S2	49.3	38.3	1.5	2.5	99.0	96	47	0.0	0	2.3	3.8
LA9912	**46.5**	**38.5**	**1.5**	**2.5**	**85.0**	**93**	**53**	**1.0**	**0**	**2.5**	**5.2**
FL03158-K2	46.3	38.0	1.0	2.0	95.0	79	49	1.0	0	4.5	5.5
LA03066S-K1	45.8	43.0	2.0	1.5	100.0	97	37	0.0	3	2.0	6.2
LA99012SBSBS -3-3-B-S-B-S2-I	45.3	39.2	1.0	1.5	96.5	85	48	4.5	3	2.5	3.7
LA01007BSBSBBSB-S3	43.1	36.4	1.5	1.5	99.0	96	45	1.5	6	1.0	4.5
FL03085-K1	42.5	32.4	1.5	1.0	80.0	78	48	3.5	0	3.5	5.7
LA01007BSBSBBSB-S1	37.5	33.2	2.0	1.5	98.0	97	42	1.5	3	1.0	4.4
FL03011-K7	25.4	38.9	2.5	2.5	98.0	75	44	1.5	0	5.8	6.7
MEAN	**59.3**	**37.4**	**1.3**	**1.6**	**90.0**	**87**	**47**	**1.3**	**1**	**2.4**	**4.7**
CV%	**18**	**3**	**32**	**26**	**2**	**2**	**3**	**68**	**193**	**35**	**10**
LSD	**18.2**	**1.9**	**0.7**	**0.7**	**2.7**	**3**	**3**	**1.4**	**4**	**1.4**	**0.8**

Ben Hur Research Farm, Central Research Stations. Steve Harrison, Kelly Arceneaux, and Glenn Schexnayder.

Planted 11/13/2007. Harvested 5/15/2005. 0.40 oz/acre Amber herbicide + 4.75 oz/acre Harmony X. 0-0-60 preplant fertilizer, 65-0-0 topdress N. Very wet January and dry spring.

Bold indicates a released (commercial) variety, others are non-released breeding lines.

**** Estimated groat yield is hull-less grain yield assuming that 25% of conventioanl oats are hull.**

Seed Quality/Color is a visual rating of seed appearance with 0 being best/brightest and 9 worst.

Lodging and Stem Rust: 0 = none, 9 = severe

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best, average of 2 ratings.

Table . Advanced Nuda Oat at Baton Rouge, LA, 2008.

Brand / variety	Grain Yield	Test Weight	Seed Qual	Seed Color	Nuda Pct	Head Day	Plant Ht	Lod Score	Crown Rust	Stem Rust	Phen otype
	bu/a	lbs/bu	0-9	0-9	%	of yr	in	0-9	%	0-9	0-9
HORIZON 270 (hulled)	**115.4**	**31.6**		**2.0**		**86**	**45**	**0.5**	**0**	**3.0**	**5.3**
FL04178-FLID-B-S-2	98.5	39.1	2.0	1.0	98.0	78	51	3.0	4	1.5	4.3
LA0212SBSBSBSB-S10	85.0	34.7	2.0	2.0	80.0	84	49	4.0	0	2.0	4.3
LA02012SBSBSBSB-S5	81.6	37.6	4.0	2.0	90.0	86	50	2.5	3	1.0	3.8
LA02012-S-B-139-S2-B-S1	77.0	37.0	2.5	2.0	96.5	85	44	5.0	0	2.0	5.0
LA02011-I-J2	74.6	41.0	1.5	1.0	98.0	84	47	0.5	0	3.5	5.3
HORIZON 321 (hulled)	**68.0**	**29.7**		**1.5**		**96**	**42**	**1.5**	**15**	**3.0**	**6.0**
FL0143FSBSBSB-S1-B-S1	58.5	30.9	2.0	2.0	65.0	91	47	2.0	0	4.5	4.5
LA02069-S-B-95-S2	54.1	37.5	1.5	1.0	98.0	75	49	1.0	20	6.0	5.8
LA02012-S-B-139-S2-B-S1-1	47.2	34.4	2.0	1.5	98.0	87	46	7.0	3	0.5	3.8
LA02012SBSBSBSBS-9-B-S1	45.8	38.9	3.0	2.0	98.0	84	55	8.0	0	2.5	4.5
FL0143FSBSBSB-S1-B-S1-X	45.0	29.4	3.5	2.5	50.0	92	47	2.0	0	7.0	4.8
Buff	**43.5**	**40.8**	**2.0**	**2.5**	**98.0**	**83**	**53**	**1.0**	**10**	**6.0**	**6.0**
LA99012SBS-8-1-S-C-S1-B-S1	39.6	38.7	1.5	1.5	98.0	91	49	6.0	0	3.5	4.8
LA02012SBSBSBSB-S2-X	37.0	37.5	3.0	1.5	96.5	85	53	8.0	0	2.0	3.3
LA02012SBSBSBSBS-2	36.9	37.4	2.5	1.0	98.0	84	52	8.0	0	2.5	4.0
LA01005B-S-B-122-S1-B-S1-X	32.3	34.7	1.5	3.0	98.0	83	52	4.5	53	2.0	5.8
Caballo	**26.5**	**27.6**	**1.5**	**1.0**	**92.5**	**88**	**47**	**2.0**	**35**	**3.0**	**4.8**
LA01005B-S-B-122-S1-B-S4	24.4	33.2	3.0	3.5	98.0	91	49	1.5	13	6.0	5.5
LA02069-S-B-95-S2X	23.2	35.2	1.5	1.0	98.0	76	51	3.0		5.5	5.8
LA01008B-S1-B-119-S1-S2-X	21.1	33.0	3.0	3.5	98.0	97	44	4.0	5	1.5	3.5
LA01008B-S1-B-14-S2-B-S2	16.4	33.8	2.0	2.0	98.0	81	51	8.0		5.0	5.3
LA02012-S-B-139-S2-B-S1-2	14.7	33.3	2.5	3.0	98.0	88	49	8.0	10	1.5	5.0
FL04178-FLID-B-S-13-B-S1	14.0	33.4	3.5	2.5	98.0	85	49	8.0	0	4.5	4.8
LA02066-S-B-140-S2-B-S1	1.3		2.0	4.0	100.0	95	48	4.5	20	7.0	5.8
MEAN	**47.3**	**35.0**	**2.3**	**2.0**	**92.9**	**86**	**48**	**4.1**	**8**	**3.4**	**4.8**
CV%	**23**	**5**	**28**	**21**	**7**	**1**	**4**	**32**	**138**	**29**	**10**
LSD	**18.7**	**2.8**	**1.1**	**0.7**	**12.2**	**2**	**3**	**2.3**	**19**	**1.8**	**0.9**

Ben Hur Research Farm, Central Research Stations. Steve Harrison, Kelly Arceneaux, and Glenn Schexnayder.

Planted 11/13/2007. Harvested 5/15/2005. 0.40 oz/acre Amber herbicide + 4.75 oz/acre Harmony X. 0-0-60 preplant fertilizer, 65-0-0 topdress N. Very wet January and dry spring.

Bold indicates a released (commercial) variety, others are non-released breeding lines.

Seed Quality/Color is a visual rating of seed appearance with 0 being best/brightest and 9 worst.

Lodging and Stem Rust: 0 = none, 9 = severe

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best, average of 2 ratings.

Appendix A. Entries in the 2008 Louisiana Agricultural Experiment Station Small Grain Performance Trials.

Brand	Line/Variety	Originating Agency
WHEAT		
AgriPro-Coker	Beretta, Coker 9553, Coker 9700, D04*9804…….. Magnolia, X3443	Syngenta Seeds, Inc. 778 CR 680 Bay, AR 72411
AGS	AGS 2010, 2020, 2026, 2031, 2060.....	AGSouth Genetics P.O. Box 72246 Albany, GA 31708
Croplan	Croplan 8302. …….....	Croplan Genetics 301 Crocker Rd. Choudrant, LA 71227
Delta Grow	Delta Grow 1600, 7400..…….....	Delta Grow Seed Co. P.O. Box 219 England, AR 72046
Dixie	Dixie 989, X427, X454…….....	Cache River Valley Seed, LLC P.O. Box 10 Cash, AR 72421
DK	DK 9108, DK9577…….....	Cullum Seeds P.O. Box 178 Fisher, AR 72429
GA	All numbered GA/UGA lines…….....	Georgia Agric. Experiment Stn. Crop & Soil Science - UGA 1109 Experiment St. Griffin, GA 30223
HBK	HBK 3128……...	Hornbeck Seed Co. P.O. Box 472 DeWitt, AR 72042
LA	All numbered LA lines.....	Louisiana Agric. Experiment Stn. Agronomy Dept. - LSU Baton Rouge, LA 70803

Appendix A. Entries in the 2008 Louisiana Agricultural Experiment Station Small Grain Performance Trials.

Brand	Line/Variety	Originating Agency
WHEAT		
Pioneer	26R61, 26R87….....	Pioneer Hi-Bred International, Inc. 700 Boulevard South, Suite 302 Huntsville, AL 35802
Progeny	Progeny 117, 122, 127, 145, 166, 185……	Progeny Ag Products 1529 Hwy. 193 Wynne, AR 72396
Ragan & Massey	LA95135….....	Ragan & Massey, Inc. 100 Ponchatoula Parkway Ponchatoula, LA 70454
Terral	LA482, LA841, TV8466, TV8558, TVX81170……. TVX85089, TVX85771	Terral Seed, Inc. P.O. Box 826 Lake Providence, LA 71254
TX	TX4A35……..….....	Texas Agric. Expt. Stn. Dept. of Crops & Soils Texas A&M Univ. College Station, TX 77843
USG	USG 3209, 3295, 3342, 3350, 3555, 3592, 3665.....	UniSouth Genetics, Inc. 2640-C Nolensville Road Nashville, TN 37211
VA	Jamestown, VA01W-205….……....	Virginia PI & State University EVAREC 2229 Menokin Road Warsaw, VA 22572

Appendix A. Entries in the 2008 Louisiana Agricultural Experiment Station Small Grain Performance Trials.

Brand	Line/Variety	Originating Agency
OATS		
FL	All Numbered FL lines…….	North Florida Res. & Education Center 155 Research Road Quincy, FL 32351
LA	All Numbered LA lines.....	Louisiana Agric. Experiment Station Agronomy Dept. - LSU Baton Rouge, LA 70803
NC State	Brooks.....	North Carolina Agric. Expt. Station Crop Science Department North Carolina State University Raleigh, NC 27695
Plantation	Stratton LA976, Horizon 270.....	Plantation Seed P.O. Box 398 Newton, GA 39870
Plot Spike	LA9339.....	Ragan & Massey, Inc. 100 Ponchatoula Parkway Ponchatoula, LA 70454
Terral	Trophy.....	Terral Seed, Inc. P.O. Box 826 Lake Providence, LA 71254
TAMO/TX	TAMO 405, TAMO 406, TX02U7325……..... TX02U7473, TX02U7490, TX02U7682	Texas Agric. Experiment Station Dept. of Crops & Soils Texas A&M Univ. College Station, TX 77843