2009 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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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 2009 statewide wheat performance trials included 70 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. When choosing varieties, growers should consult their local LCES agents and the variety should be chosen from the list of recommended varieties 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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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 Extension Associate, respectively, Dean Lee Research Station, Alexandria.
6 Associate Professor and Research Associate. 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

Performance of Wheat Varieties Across South Louisiana

South Region Means

The growing season was characterized by a very wet period following planting from mid December through the end of January. This was followed by unusually dry weather in February and early March. This combination resulted in reduced tillering and somewhat smaller head size.

Performance of wheat varieties tested across south Louisiana in 2009 is shown in Table 1. Bold print in all tables indicates that the entry is a released variety and normal print indicates that the entry is a breeding line that is not commercially available. Dyna-Gro Baldwin (86.1 bu/acre), AgriPro Coker Magnolia (81.1 bu/acre), AGS 2035 (80.4 bu/acre) and Pioneer 26R61 (79.1 bu/acre) were the highest yielding released varieties. Two breeding lines X3546 (82.3 bu/acre), and LA01110D-150 (81.7 bu/acre) rounded out the top five entries for South Louisiana. The mean yield of 60 entries was 63.9 bu/acre and the mean test weight was 56.5 lbs/bu.

Leaf rust pressure was relatively light due to a dry early spring, with most entries having ratings under 10%. The test mean for leaf rust was 5%.

Dyna-Gro Baldwin (77.9 bu/acre) and AGS 2035 (75.1 bu/acre) were the highest-yielding released varieties across south Louisiana for two years (Table 2), with AgriPro Magnolia (72.5 bu/acre), Terral LA821 (72.0 bu/acre) and AGS 2060 (71.5 bu/acre) rounding out the top five in yield. The 28 entries tested at Baton Rouge, Crowley, and Jeanerette for two years had means of 61.2 bu/acre for yield and 56.0 lbs/bu for test weight. The seven lowest yielding varieties all had heading dates later than the average of 87 days (day of year). Significant differences among varieties existed for leaf rust incidence.

Twenty one entries were tested over three years in south Louisiana with AGS 2060 (75.8 bu/acre), Terral LA821 (75.3 bu/acre), and AgriPro Coker Magnolia (75.2 bu/acre) having the top three yields (Table 3). The top five was rounded out by AGS 2020 (72.8 bu/acre) and Terral LA482 (71.6 bu/acre). The average yield was 66.1 bu/acre and th average test weight was 56.3 lbs/bu. The top five entries all received low ratings for leaf rust, stem rust, and septoria.

Baton Rouge

At Baton Rouge, two released varieties, AgriPro Magnolia (80.8 bu/acre) and Dyna-Gro Baldwin (79.1 bu/acre) had the highest yields (Table 4). Three breeding lines, LA01110D-150 (77.6 bu/acre), LA01110D-181-6 (77.1 bu/acre) and LA01139D-56-1 (76.4 bu/acre) also ranked in the top five. The mean yield was 61.5 bu/acre and the mena test weight was57.5 lbs/bu. Average heading occurred at day 87. Delta King DKX732 was very late/poorly headed and not harvestable. Severe lodging occurred in some early varieties due to very high winds and heavy rains that occurred around April 1 (early grain fill). Leaf rust pressure was light, with ratings ranging from 0 to 18% and a mean of 2%. Seed black point ratings ranged from 0 to 6.8 (0-9, where 9 indicates severe discoloration of the seed germ).

Crowley

At this location, a breeding line, X3546 (94.5 bu/acre), and the variety Dyna-Gro Baldwin (80.8 bu/acre) led in yield with two additional breeding lines, GA991336-6E9 (79.4 bu/acre) and GA991371-6E12 (77.7 bu/acre) and variety Magnolia (76.1 bu/acre) rounding out the top five (Table 5). The average yield was 60.9 bu/acre for yield and the average test weight was 56.8 lbs/bu. Leaf rust pressure was high with ratings ranging between 0 and 60% and a mean of 10%. Fusarium headblight disease frequently occurs in the rice growing region of Louisiana. Fusarium head blight ratings ranged from 0 to 6 (0-9 scale, 9 indicates severe disease) with a mean of 2.4. Average heading was 82 days at this location.

Jeanerette

Baldwin (98.4 bu/acre), AGS 2035 (92.6 bu/acre), AGS 2026 (88.9 bu/acre), and Pioneer 26R61 (88.8 bu/acre) were the highest-yielding released varieties at Jeanerette (Table 6). The breeding line, LA0110D-150 has a yield of 95.2 bu/acre. Test means were 66.8 bu/acre for yield and 54.8 lbs/bu for test weight. Average heading occurred at day 87 at this location. Leaf rust pressure was low at this location with ratings ranging from 0 to 23% and a mean of 3%.

Performance of Wheat Varieties Across North Louisiana

North Region Means:

Yields were excellent across North Louisiana (Alexandria, St. Joseph, and Winnsboro) in 2009 (Table 7). Dixie 427 (84.0 bu/acre) had the highest yield of 69 entries with the breeding line GA991209-6E33 (81.0 bu/acre) and the released varieties Magnolia, Pioneer 26R87, and USG 3295 rounding out the top five, all with yields above 80.0 bu/acre. Averages were 73.0 bu/acre for yield and 56.3 lbs/bu for test weight. Leaf rust pressure was moderate with ratings ranging between 0 and 40%, with a mean of 7%.

For two years across North Louisiana (Table 8), the released varieties Dixie 427 (80.0 bu/acre), Pioneer 26R87 (78.4 bu/acre), USG 3295 (78.1 bu/acre), Baldwin (77.9 bu/acre) and USG 3555 (77.1 bu/acre) had the highest yields of 32 entries. Averages were 70.8 bu/acre for yield and 57.4 lbs/bu for test weight. Leaf rust ratings were moderate, ranging from 0 to 43% with an average of 12%. Average heading day was 92 (day of year).

USG 3295 (77.7 bu/acre) led in yield across north Louisiana for three years (Table 9). Four other released varieties, Pioneer 26R87, AGS 2060, USG 3295, and Magnolia rounded out the top five, all with yields above 76.9 bu/acre. The average yield was 71.8 bu/acre for yield and the average test weight was 57.7 lbs/bu.

Alexandria

Ragan & Massey LA95135 (77.5 bu/acre) had the highest yield at Alexandria (Table 10). Three other released varieties, USG 3592, Dixie 427, DK9577, and one breeding line, EXP

SR39L47 also ranked in the top five, all with yields above 75 bu/acre. The average yield was 67.8 bu/acre for yield and the average test weight was 54.4 lbs/bu for test weight. Leaf rust levels were moderate with a range of 0 to 50% and a mean of 8%.

Bossier City

Feral hogs got into the plots at this location and selectively ate portions of several non-awned (beardless) varieties as is indicated by the 'Hog Note'. Six entries had severe damage in three or four of the four replications and yield is not reported for these entries. This location was not used in north Louisiana regional means for that reason. USG 3295 (78.8 bu/acre) had the highest yield (Table 11). Three released varieties, AGS 2060, USG 3555, Jamestown and one breeding line, GA991336-6E9 also ranked in the top five with yields above 72.0 bu/acre. The test means were 58.3 bu/acre for yield and 54.0 lbs/bu for test weight, and 81 for heading day. Leaf rust levels were moderate, ranging from 0 to 78% with a mean of 8%.

St. Joseph

This location had excellent yields with Pioneer 26R87 (89.7 bu/acre) ranking first (Table 12). Two breeding lines, Pioneer XW07B (88.9 bu/acre) and LA01139D-56-1 (85.9 bu/acre) and two additional varieties, Dixie 427 (87.2 bu/acre) and Jamestown (85.4 bu/acre) also ranked in the top five. Test averages were 69.4 bu/acre for yield, and 56.7 lbs/bu for test weight. Average heading day was 80.

Winnsboro

Baldwin had the highest yield of 69 entries planted at this location, with a yield of 101.4 bu/acre (Table 13). AGS 2026, AGS 2020, Oglethorpe, and GA991336-6E9 ranked second through fifth, respectively. The top five entries have yields above 93.0 bu/acre. Test averages were 81.9 bu/acre for yield and 56.7 lbs/bu for test weight. Leaf rust pressure was minimal with a rating range of 0-6% and a mean of 1%.

Over two years, Baldwin ranked first at Winnsboro with a yield of 100.4 bu/acre. Four other varieties, AGS 2026, AGS 2026, AGS 2035, and Terral LA821 also had yields above 91.0 bu/acre.

Statewide Performance of Wheat Varieties

Table 14 contains the average performance of 63 entries across six locations in 2009. Yield data are separated into locations and ranked according to statewide mean yield in Table 14B. The variety Baldwin led with the highest statewide mean yield of 83.2 bu/acre. The varieties Magnolia, AGS 2035, and Terral LA821 and the breeding line X3546 also ranked in the top five, all with yields above 77.0 bu/acre compared to the test average of 68.2 bu/acre. Leaf rust pressure was moderate with an average of 6%. Four of the top five entries had leaf rust ratings of 0 or 1%.

Twenty eight entries were tested across Louisiana in 2008 and 2009 (Table 15). The

released variety Baldwin had the highest yield of 77.9 bu/acre compared to the average of 67.0 bu/acre. Four other varieties took the other top five rankings, all with yields above 72.0 bu/acre. The top three entries scored below the leaf rust average of 8%.

Over the three years 2007, 2008, and 2009, twenty one entries were tested across Louisiana (Table 16) with five locations reported in 2007, six in 2008, and five in 2009. The released variety AGS 2060 had the highest yield of 76.4 bu/acre compared to the average of 69.6 bu/acre. The four other varieties ranking in the top five all had yields above 73.3 bu/acre.

OTHER WHEAT TRIALS

GA01170, LA01139, and LA01034 yielded more than 95 bu/acre in the USDA USSRWWN at Baton Rouge (Table 17). The average yield of 40 entries was 71.2 bu/acre and the highest-yielding check variety was Coker 9553 (83.7 bu/acre). LA01139 was the highest-yielding entry at Winnsboro (Table 18). Five entries yielded more than 75 bu/acre. Test weights were generally high, with the exception of entries that headed late and matured under heat stress.

Wheat Preliminary Yield Trial A (WPA) was planted at Baton Rouge, Winnsboro, and Stoneville, Mississippi in 2009 (Tables 19, 20, and 21) and contained 40 entries (36 experimental lines and 4 checks). At Baton Rouge, the breeding line LA01139D-56-7-3 had the top yield of 78.7 bu/acre compared to the average of 67.2 bu/acre. Severe lodging occurred in some early varieties at this site due to high winds and heavy rainfall that occurred around March 30th. A second breeding line, LA01158D-36-6-C had the top yield of 95.2 bu/acre at Winnsboro compared to the average of 82.6 bu/acre. At Stoneville, the variety USG 3295 (89.0 bu/acre) had the highest yield compared to the mean of 71.2 bu/acre. Across Baton Rouge, Winnsboro, and Stoneville (Table 22), the leading entry, LA01110D-11-2-C had a yield of 82.7 bu/acre compared to the mean of 73.6 bu/acre.

Wheat Preliminary Yield Trial B (WPB) was planted at Baton Rouge, Winnsboro and Stoneville and contained 20 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 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.

Due to the increasing incidence of Hessian fly in the state, Hessian fly variety trials were planted at Maringouin and Winnsboro in fields that had high Hessian fly incidence the previous year and were managed to encourage Hessian fly development. Results are presented in Tables 27 and 28. Significant differences occurred among varieties for reaction to Hessian fly, with a range of 0.0 to 7.6 Hessian fly per tiller at Winnsboro. The use of systemic seed treatment plus foliar application of insecticides increased average yield by 4.2 bu/acre. This difference was not enough to justify the cost associated with application and was much less than the difference among varieties due to genetic resistance. Grain yield ranged from 5.9 to 67.3 bu/acre, with the higher yields generally associated with lower Hessian fly counts. Hessian fly pressure developed later to a lesser extent at Winnsboro, but results were very similar.

Performance of Oat Varieties

Performance of Oat Varieties Across Louisiana:

The oat variety performance trials were conducted at Baton Rouge, Bossier City, and Winnsboro in 2009 (Table 29). This trial was composed of 22 entries and included 8 commercial varieties and 14 breeding lines. The five top-yielding entries included only one released variety, Horizon 270, which ranked first with a yield of 120.5 bu/acre. Four breeding lines, one from Texas, one from Louisiana and two from Florida, rounded out the top five, all with yields above 111.0 bu/acre. The test means were 98.9 bu/acre for yield and 31.8 lbs./bu for test weight. Crown and stem rust ratings (Baton Rouge only) were relatively low with test means of 5% and 1.3 (0-9), respectively. The crown rust susceptible check variety, Brooks, had 80% crown rust incidence, which indicates that inoculum was present but most entries had some resistance. The top five entries all had crown rust ratings of 0 and stem rust ratings between 0.5 and 2.5.

Table 30 contains oat variety trial data for two years. The top five entries include one released variety, Horizon 270 (127.2 bu/acre) followed by four breeding lines, one from Florida, one from Texas and two from Louisiana. The top five entries all had yields greater than 118.0 bu/acre, well above the test mean of 109.3 bu/acre. Other test means include 32.7 lbs/bu for test weight, 5% for crown rust and 1.8(0-9) for stem rust.

Horizon 270 had the highest yield (126.6 bu/acre) across Louisiana for three years (Table 31), well above the test mean of 110.3 bu/acre. It had a test weight of 33.3 lbs/bu compared to a mane of 32.9 lbs/bu.

Baton Rouge:

The breeding line TX02U7682 ranked first at this location with a yield of 111.6 bu/acre (Table 32). The top five also included two other breeding lines, one from Louisiana, and one from Florida and two varieties, Horizon 270 and LA99017, all with yields above 98.0 bu/acre. Test means were 81.7 bu/acre for yield and 32.8 lbs/bu for test weight. Crown and stem rust pressure were relatively light with test means of 5% and 1.3(0-9), respectively.

Bossier City:

The Texas breeding line TX05CS347-1 led 22 entries at this location with a yield of 138.7 bu/acre (Table 33). Two varieties, LA99017 and Horizon 270, and two breeding lines from Louisiana and Florida ranked in the top five all with yields above 125 bu/acre.

Winnsboro:

At this location, the variety Horizon 270 ranked first with a yield of 125.6 bu/acre (Table 34). Two other varieties, LA99016 and Horizon LA976 and two breeding lines, one from Florida and the other from Louisiana rounded out the top five, all with yields of 119.2 and above. Test means included 110.6 for yield and 32.4 lbs/bu for test weight.

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 included 24 entries, four of which are released varieties. A Texas breeding line TX02U7682 ranked first with a yield of 137.0 bu/acre (Table 35). Four other breeding lines, from Louisiana, Texas and Florida ranked in the top five, all with yields above 114.0 bu/acre. Test means were 93.0 bu/acre for yield and 31.9 lbs/bu for test weight, 2.5% for crown rust and 0.7 (0-9) for stem rust.

SUNOAT Nursery at Baton Rouge:

The SUNOAT (Southeastern University Oat) nursery was grown at Baton Rouge and other location throughout the region. The test contained 45 entries from the LSU AgCenter, Texas A&M and University of Florida. Entries included three released varieties as checks. The Florida breeding line FL04155-S06-31-B-S1 had the highest yield (139.4 bu/acre, Table 36). Three other Florida breeding lines as well as the variety Horizon 270 also ranked in the top five, all with yields above 122.0 bu/acre. Test means were 103.6 bu/acre for yield, 33.0 lbs/bu for test weight, 0% for crown rust and 0.8% for stem rust.

Preliminary Oat Yield Trial 'A' (SUNOAT) at Winnsboro:

At Winnsboro (Table 37), the breeding line FL0115-J2-B-S1 led this test with a yield of 139.5 bu/acre. Three other Florida breeding lines and one released variety, Horizon 270 rounded out the top five, all with yields above 129.0 bu/acre. Test means were 121.8 bu/acre for yield and 32.9 lbs/bu for test weight.

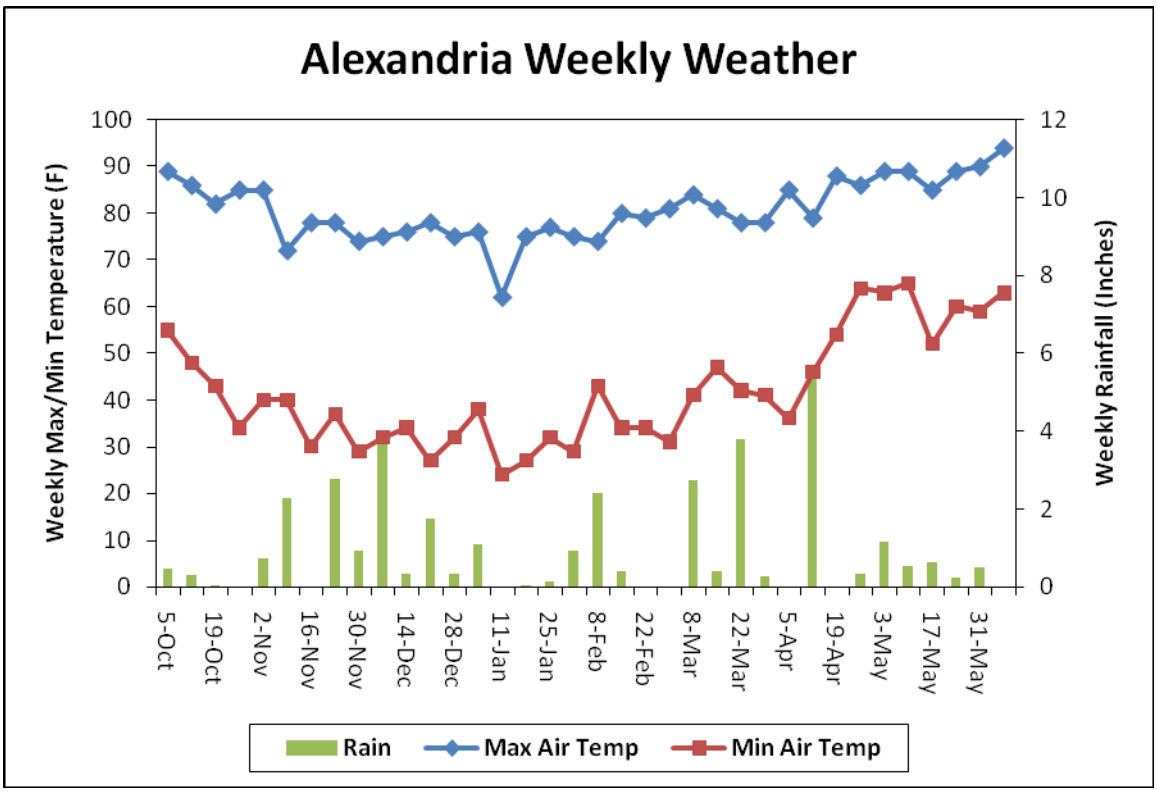
Preliminary Oat Yield Trial 'B':

Horizon 270 had the highest yield in Oat Prelim-B data at Baton Rouge (Table 39). LA99016, two LA breeding lines and one Florida breeding line also ranked in the top five, all with yields above 118 bu/acre. Test means were 97.2 for yield, 32.8 lbs/bu for test weight, 0% for crown rust and 0.8 (0-9) for stem rust.

Other Oat Trials:

Elite Nuda Oat Trial consisted of 24 entries (20 experimental lines and 4 checks) and was planted at Baton Rouge and Winnsboro in 2009 (Tables 40 and 41). At Winnsboro, Two conventional hulled checks, Horizon 201 (136.7 bu/acre) and Horizon 270 (130.6 bu/acre) ranked first and second for yield respectively. Three hull-less lines, one Florida experimental line, one Louisiana breeding line and the variety Caballo yielded greater than 106.0 bu/acre and were over 96% hull-less. Test means were 98.3 bu/acre for yield and 34.5 lbs/bu for test weight.

Figure 1.


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
5-Oct
19-Oct
2-Nov
16-Nov
30-Nov
14-Dec
28-Dec
11-Jan
25-Jan
8-Feb
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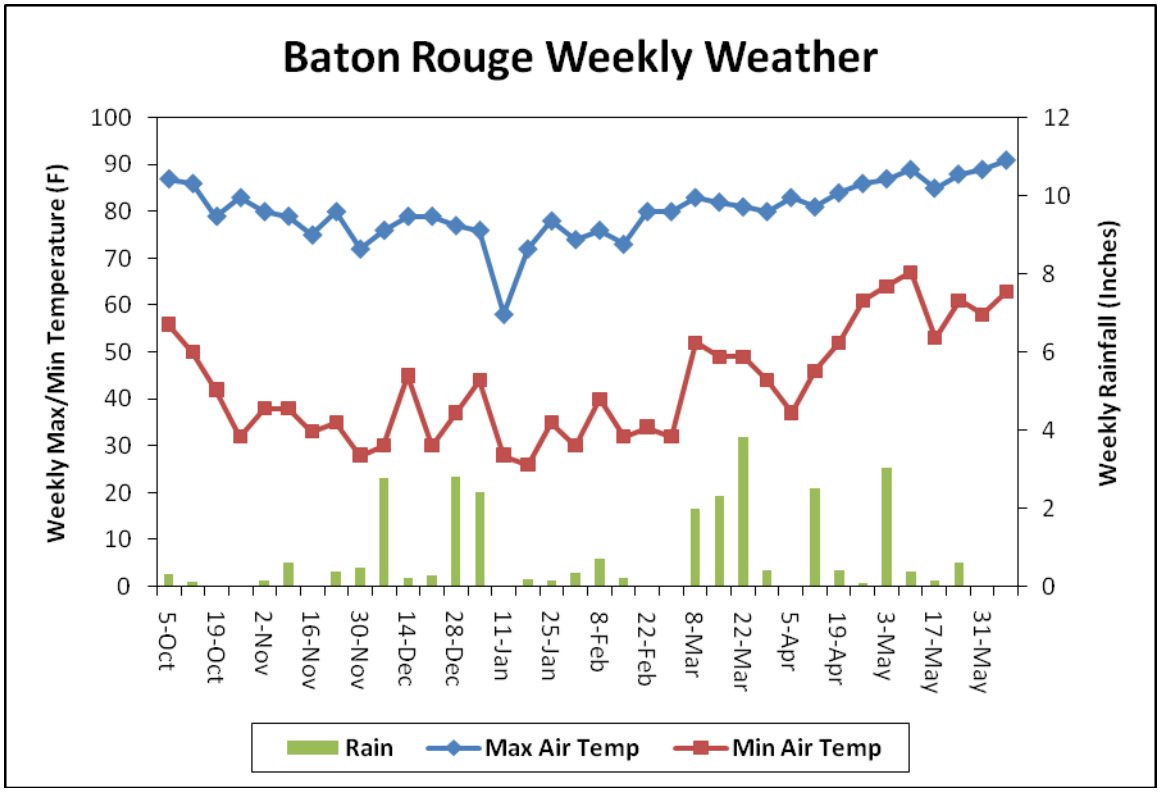
8-Mar
22-Mar
5-Apr
19-Apr
3-May
17-May
31-May
Rain
Max Air Temp
Min Air Temp


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
5-Oct
19-Oct
2-Nov
16-Nov
30-Nov
14-Dec
28-Dec
11-Jan
25-Jan
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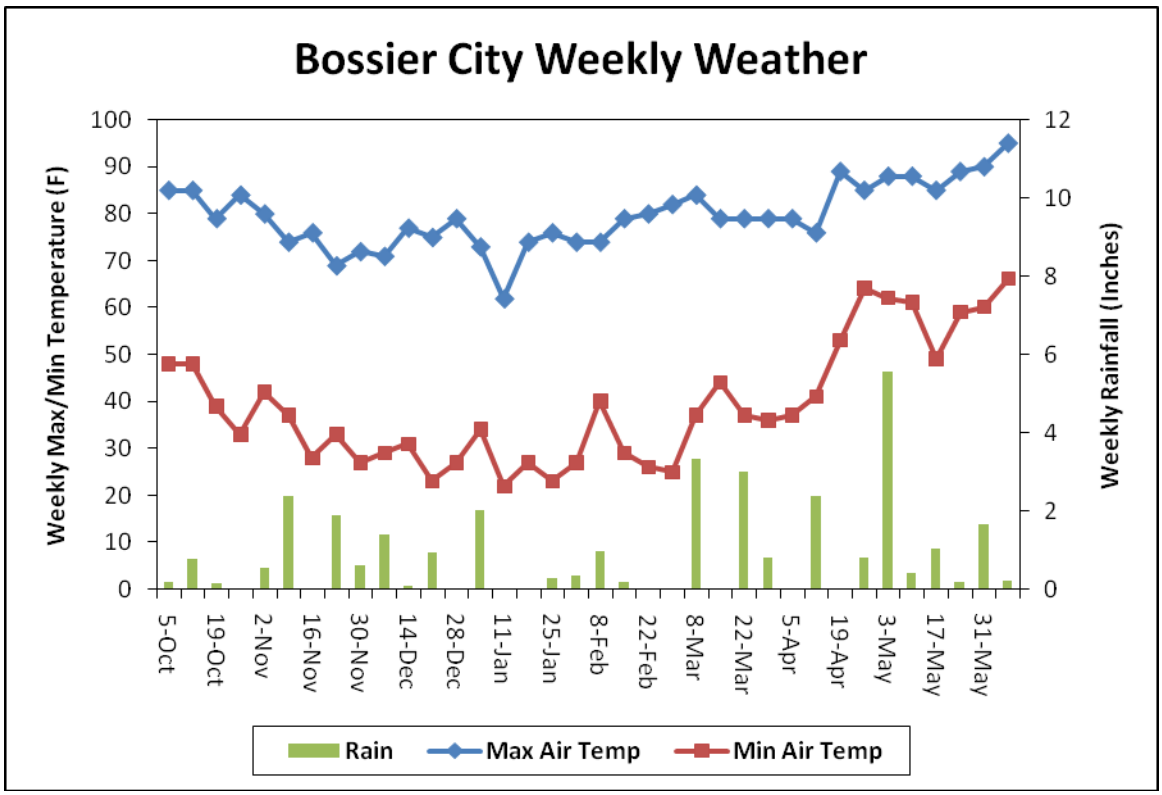
5-Apr
19-Apr
3-May
17-May
31-May
Rain
Max Air Temp
Min Air Temp


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
5-Oct
19-Oct
2-Nov
16-Nov
30-Nov
14-Dec
28-Dec
11-Jan
25-Jan
8-Feb
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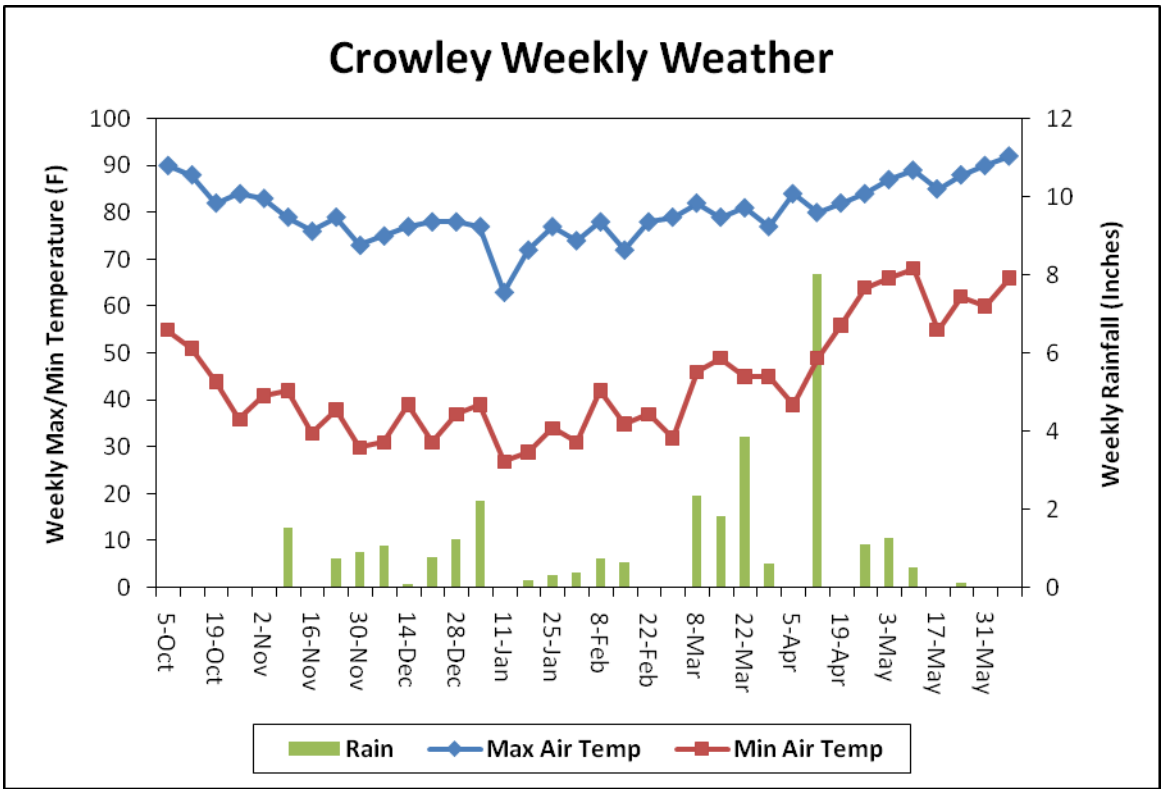
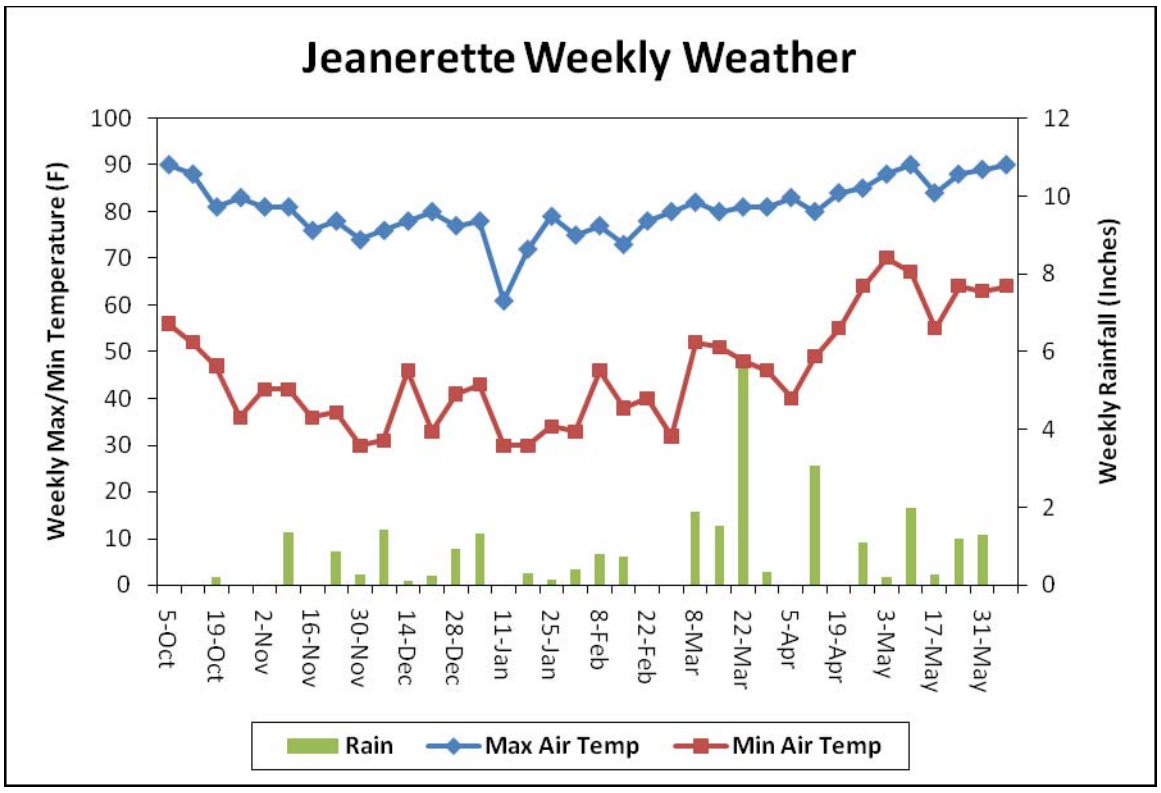
8-Mar
22-Mar
5-Apr
19-Apr
3-May
17-May
31-May
Rain
Max Air Temp
Min Air Temp


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
5-Oct
19-Oct
2-Nov
16-Nov
30-Nov
14-Dec
28-Dec
11-Jan
25-Jan
8-Feb
22-Feb
8-Mar
22-Mar
5-Apr
19-Apr
3-May
17-May
31-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
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8
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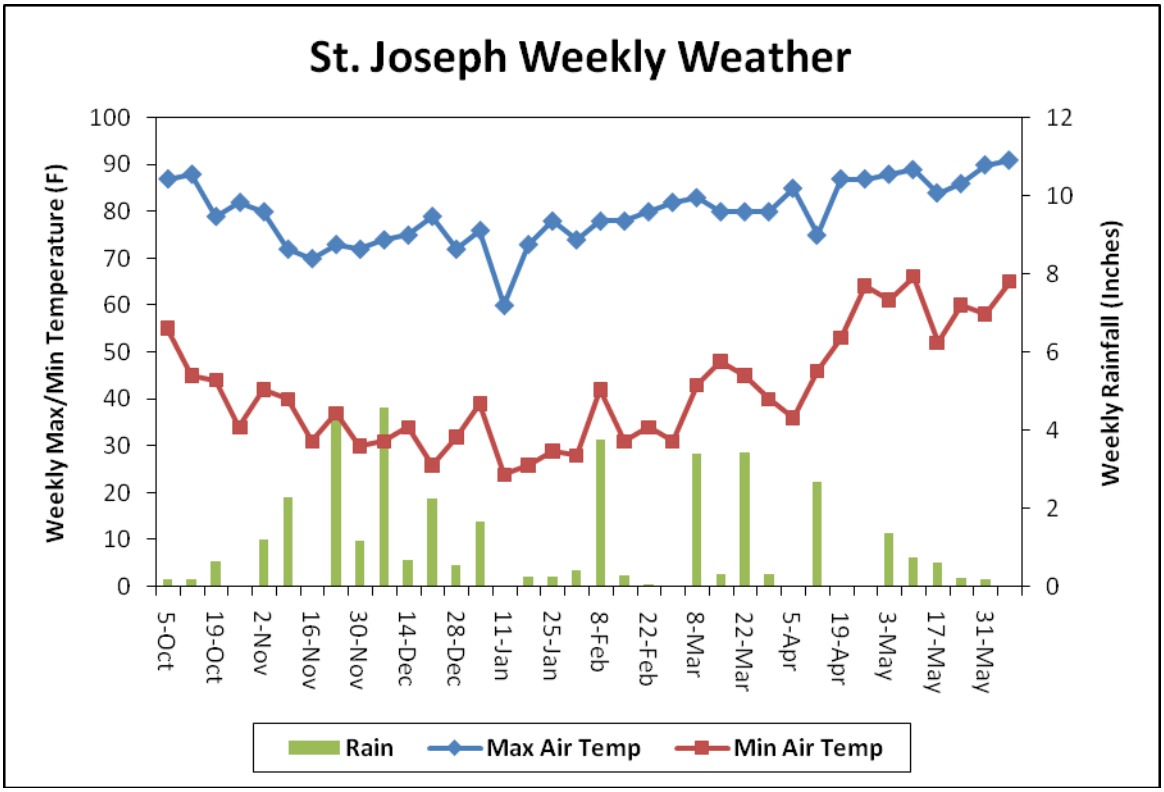
4
2
0
5-Oct
19-Oct
2-Nov
16-Nov
30-Nov
14-Dec
28-Dec
11-Jan
25-Jan
8-Feb
22-Feb
8-Mar
22-Mar
5-Apr
19-Apr
3-May
17-May
31-May
Rain
Max Air Temp
Min Air Temp


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
5-Oct
19-Oct
2-Nov
16-Nov
30-Nov
14-Dec
28-Dec
11-Jan
25-Jan
8-Feb
22-Feb
8-Mar
22-Mar
5-Apr
19-Apr
3-May
17-May
31-May
Rain
Max Air Temp
Min Air Temp

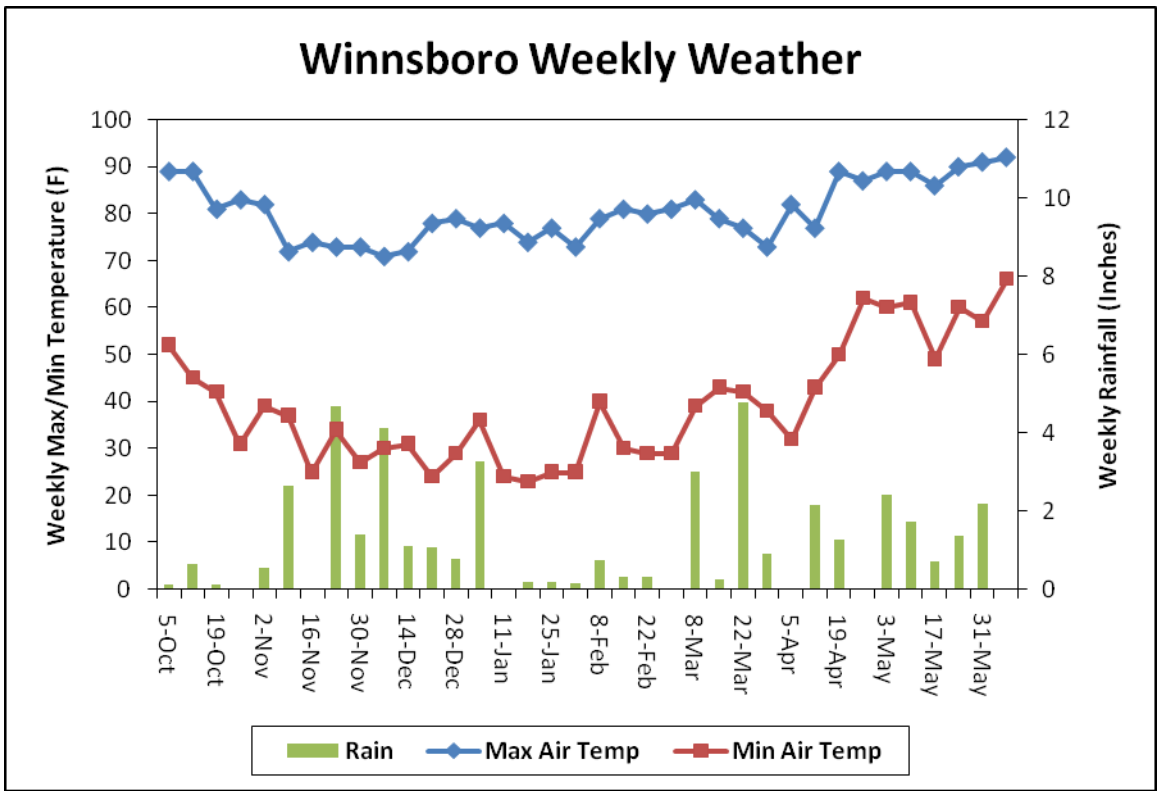

Winnsboro Weekly Weather
Weekly Max/Min Temperature (F)
Weekly Rainfall (Inches)
100
90
80
70
60
50
40
30
20
10
0
12
10
8
6
4
2
0
5-Oct
19-Oct
2-Nov
16-Nov
30-Nov
14-Dec
28-Dec
11-Jan
25-Jan
8-Feb
22-Feb
8-Mar
22-Mar
5-Apr
19-Apr
3-May
17-May
31-May
Rain
Max Air Temp
Min Air Temp

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Table 1. Wheat performance trial across South Louisiana for 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Pheno type 0-9
DYNA-GRO BALDWIN	**86.1**	**58.5**	**82**	**37**	**0.6**	**0**	**3.4**
X3546	82.3	58.5	78	32	0.9	1	3.8
LA01110D-150	81.7	58.0	81	37	1.8	1	3.8
MAGNOLIA	**81.1**	**58.3**	**76**	**34**	**1.3**	**7**	**3.8**
AGS 2035	**80.4**	**58.6**	**75**	**36**	**1.9**	**0**	**4.1**
PIONEER 26R61	**79.1**	**59.0**	**81**	**36**	**0.8**	**4**	**3.6**
TERRAL LA821	**77.8**	**58.2**	**76**	**35**	**0.9**	**0**	**3.3**
JAMESTOWN	**76.4**	**59.2**	**78**	**32**	**1.0**	**1**	**3.7**
LA01110D-181-6	76.4	57.8	80	35	1.7	2	4.2
LA01139D-56-1	75.2	58.2	77	31	1.8	3	4.2
GA-991336-6E9	75.0	57.9	71	35	2.4	0	4.0
AR01120-56-7-C	74.2	58.3	83	30	1.4	2	4.1
LA01005D-2-2-C	73.9	57.4	80	33	1.9	3	3.9
RAGAN&MASSEY LA95135	**73.7**	**56.7**	**89**	**38**	**0.5**	**0**	**4.3**
COKER 9700	**73.6**	**58.7**	**77**	**32**	**0.8**	**2**	**3.7**
LA01140D-70	73.6	58.2	79	37	1.3	1	3.5
HBK 3266	**73.5**	**57.3**	**89**	**36**	**1.1**	**0**	**4.8**
DYNA-GRO OGLETHORPE	**73.1**	**57.5**	**88**	**33**	**0.8**	**0**	**5.0**
TERRAL LA841	**72.7**	**56.8**	**82**	**33**	**1.6**	**5**	**4.3**
AGS 2026	**72.7**	**56.9**	**89**	**33**	**1.0**	**1**	**4.9**
LA01110D-84-1	72.3	58.1	78	36	2.1	3	3.9
LA01110D-84-2	71.7	58.4	79	36	2.0	3	3.8
GA-991371-6E12	70.8	58.0	71	35	1.9	0	4.1
AGS 2020	**70.6**	**58.4**	**74**	**34**	**2.5**	**0**	**3.8**
LA01110D-100-6-4	70.5	58.0	74	35	3.3	5	4.7
DIXIE 427	**70.3**	**55.0**	**94**	**36**	**0.6**	**3**	**6.2**
LA01138D-55	69.1	57.9	76	34	2.2	0	4.9
AGS 2060	**68.6**	**58.7**	**71**	**35**	**2.8**	**0**	**3.9**
TAMSOFT 700	**68.4**	**55.4**	**86**	**33**	**1.0**	**0**	**5.3**
LA01162D-136-8-B	67.6	56.8	78	32	2.0	4	4.7
LA01158D-55-8	66.8	58.6	70	31	2.9	3	5.2
AR01008-12-2-C	66.6	58.4	74	35	3.2	1	4.0
TERRAL LA482	**66.2**	**57.1**	**70**	**36**	**2.7**	**1**	**4.9**
DELTA KING GR9108	**65.9**	**57.1**	**77**	**37**	**1.9**	**3**	**4.3**
PIONEER 26R87	**65.5**	**57.9**	**92**	**33**	**0.5**	**1**	**4.9**
HBK 3443	**65.5**	**56.9**	**80**	**34**	**1.8**	**15**	**4.8**
GA-991209-6E33	64.8	57.9	73	35	1.7	1	4.5
PROGENY 117	**64.8**	**57.3**	**81**	**35**	**2.5**	**18**	**5.6**
AGS 2031	**64.5**	**55.8**	**95**	**33**	**0.4**	**0**	**5.9**
VA04W-90	62.8	56.1	84	33	0.5	2	4.7
LA01143D-51-2-B	59.3	57.4	78	32	3.2	2	5.6
USG 3295	**58.6**	**54.4**	**98**	**32**	**0.4**	**0**	**6.2**
VA04W-259	53.9	51.2	101	31	0.4	0	6.3
USG 3209	**53.7**	**56.0**	**84**	**31**	**0.6**	**13**	**5.7**
USG 3555	**52.8**	**53.9**	**97**	**31**	**0.4**	**8**	**6.1**
DIXIE 940	**51.2**	**55.1**	**95**	**38**	**0.4**	**9**	**6.3**
COKER 9553	**50.7**	**56.9**	**90**	**35**	**0.8**	**9**	**5.2**
ARMOR ARX6202	48.9	53.9	95	34	0.4	8	5.2
EXP SR39L47	47.5	55.1	91	32	1.0	8	5.9
PROGENY 119	**47.4**	**55.6**	**84**	**34**	**0.6**	**15**	**6.3**

Table 1. Wheat performance trial across South Louisiana for 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Pheno type 0-9
USG 3592	**46.0**	**55.5**	**93**	**36**	**0.5**	**0**	**5.4**
PIONEER XW07B	44.8	51.9	103	35	0.4	1	6.0
ARMOR GOLD	**43.9**	**56.1**	**92**	**35**	**1.1**	**23**	**6.3**
PROGENY 130	**43.3**	**51.8**	**102**	**36**	**0.4**	**11**	**7.4**
TERRAL TV8558	**41.4**	**53.8**	**93**	**34**	**0.5**	**24**	**6.2**
DELTA GROW 5200	**41.0**	**51.6**	**103**	**36**	**0.5**	**8**	**7.2**
DELTA KING 9577	**39.4**	**52.8**	**91**	**34**	**0.5**	**11**	**5.8**
USG 3350	**36.7**	**51.9**	**103**	**37**	**0.7**	**11**	**7.3**
AGS 2055	**34.1**	**51.2**	**102**	**35**	**0.4**	**5**	**6.2**
ARMOR 360Z	**32.0**	**52.3**	**103**	**34**	**0.4**	**15**	**6.7**
MEAN	**63.9**	**56.5**	**84**	**34**	**1.3**	**5**	**5**
CV%	**13**	**3**	**3**	**4**	**53**	**79**	**13**
LSD (0.10)	**11.5**	**3.9**	**3**	**2**	**1.4**	**9**	**1**

Data from Ben Hur (Baton Rouge), Rice (Crowley) and Iberia (Jeanerette) Research Stations.

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

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Table 2. Wheat performance trial across South Louisiana for two years, 2008 and 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Pheno type 0-9
DYNA-GRO BALDWIN	**77.9**	**57.7**	**87**	**37**	**0.8**	**0**	**3.6**
AGS 2035	**75.1**	**57.8**	**79**	**36**	**1.5**	**0**	**4.1**
AGRIPRO COKER MAGNOLIA	**72.5**	**56.4**	**80**	**34**	**1.2**	**13**	**4.3**
TERRAL LA821	**72.0**	**57.1**	**80**	**35**	**1.6**	**0**	**3.5**
AGS 2060	**71.5**	**58.3**	**76**	**35**	**2.2**	**0**	**3.9**
PIONEER 26R61	**69.3**	**57.6**	**84**	**35**	**0.9**	**4**	**3.8**
AGRIPRO COKER 9700	**68.3**	**57.0**	**81**	**32**	**0.8**	**3**	**4.1**
JAMESTOWN	**68.1**	**58.0**	**81**	**30**	**1.1**	**4**	**4.2**
AGS 2020	**68.1**	**56.5**	**78**	**34**	**2.4**	**0**	**3.9**
RAGAN&MASSEY LA95135	**67.1**	**56.2**	**91**	**36**	**0.9**	**0**	**4.4**
TERRAL LA841	**66.9**	**55.4**	**84**	**32**	**1.5**	**3**	**4.0**
AGS 2026	**66.8**	**56.0**	**90**	**32**	**1.4**	**1**	**4.8**
LA01138D-55	66.7	56.5	80	34	1.8	0	4.9
DELTA KING GR9108	**64.6**	**55.9**	**82**	**36**	**1.5**	**7**	**4.4**
DIXIE 427	**64.4**	**54.9**	**96**	**34**	**0.9**	**3**	**6.0**
TAMSOFT 700	**63.5**	**55.1**	**89**	**32**	**1.6**	**0**	**5.2**
TERRAL LA482	**62.3**	**56.1**	**73**	**35**	**2.1**	**11**	**5.1**
AGS 2031	**59.1**	**56.5**	**96**	**31**	**0.7**	**0**	**6.1**
PIONEER 26R87	**57.8**	**57.5**	**94**	**32**	**0.9**	**6**	**5.2**
USG 3295	**56.7**	**55.4**	**98**	**32**	**0.7**	**0**	**6.3**
PROGENY 117	**56.7**	**56.3**	**83**	**34**	**3.0**	**33**	**5.9**
USG 3592	**55.3**	**55.0**	**95**	**34**	**1.1**	**0**	**5.4**
USG 3555	**51.2**	**53.7**	**96**	**30**	**0.5**	**8**	**5.8**
USG 3209	**47.5**	**54.4**	**89**	**30**	**1.4**	**26**	**5.8**
AGRIPRO COKER 9553	**43.5**	**56.1**	**92**	**33**	**1.5**	**18**	**5.5**
TERRAL TV8558	**40.4**	**53.8**	**94**	**33**	**1.4**	**20**	**6.2**
DELTA KING 9577	**39.4**	**53.0**	**92**	**33**	**1.3**	**17**	**6.0**
USG 3350	**36.6**	**53.3**	**99**	**36**	**1.3**	**9**	**7.1**
MEAN	**61.2**	**56.0**	**87**	**33**	**1.4**	**7**	**15**
CV%	**12**	**3**	**2**	**5**	**53**	**88**	**12**
LSD (0.10)	**8.1**	**2.0**	**3**	**1**	**1.1**	**8**	**1**

Data from Ben Hur (Baton Rouge), Rice (Crowley) and Iberia (Jeanerette) Research Stations.

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

Table 3. Wheat performance trial across SouthLouisiana for three years, 2007, 2008, and 2009.

Brand / variety	Grain Yield	Test Wt	Head Day	Plant Height	Lodging	Leaf Rust	Stem Rust	Sep toria	Pheno type
	bu/a	lbs/bu	of yr	in	0-9	%	0-9	0-9	0-9
AGS 2060	75.8	58.4	78	36	1.7	0	0.0	2.0	3.8
TERRAL LA821	75.3	56.9	81	35	1.4	0	0.1	2.2	3.4
AGRIPRO COKER MAGNOLIA	75.2	56.5	81	35	0.9	9	0.0	2.8	4.1
AGS 2020	72.8	56.6	79	35	2.4	0	0.3	2.6	4.0
TERRAL LA482	71.6	56.1	74	36	1.5	8	0.3	2.4	4.6
PIONEER 26R61	71.6	57.6	85	36	0.6	3	0.7	1.8	3.7
AGRIPRO COKER 9700	71.6	57.2	81	32	0.9	2	2.5	1.8	4.0
TERRAL LA841	71.5	55.4	84	33	1.1	2	0.1	2.2	3.9
AGS 2026	71.5	56.2	90	32	1.1	1	0.0	1.2	4.5
JAMESTOWN	71.5	57.7	82	31	0.8	3	0.0	1.4	4.0
RAGAN&MASSEY LA95135	70.0	56.5	92	37	0.9	0	0.7	1.4	4.3
DELTA KING GR9108	69.3	55.9	83	37	1.1	5	2.2	1.8	4.4
PIONEER 26R87	66.9	57.8	94	33	0.7	4	0.0	1.2	4.7
AGS 2031	63.1	56.8	95	32	0.5	0	0.0	1.0	5.8
USG 3295	60.8	55.7	98	32	0.5	0	0.0	1.0	6.0
USG 3592	59.3	55.6	94	35	1.1	0	3.3	1.4	5.4
USG 3209	59.3	55.0	88	31	1.0	17	0.0	1.2	5.4
USG 3555	59.1	54.3	95	30	0.4	5	0.0	1.2	5.4
AGRIPRO COKER 9553	53.4	56.6	92	34	1.1	12	3.7	1.4	5.1
TERRAL TV8558	49.4	54.7	94	33	1.0	14	3.3	1.8	6.1
DELTA KING 9577	47.3	53.9	92	34	1.0	12	5.4	1.8	6.0
MEAN	66.1	56.3	87	34	1.0	5	1.1	1.7	4.7
CV%	11	3	2	4	71	117	90	39	13
LSD (0.10)	7.2	1.5	2	1	0.7	6	1.4	0.8	0.6

Data from 2007, 2008 and 2009 at Ben Hur Research Farm, Central Station (Baton Rouge), Iberia Resarch Station (Jeanerette) and the Rice Research Station (Crowley).

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

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Table 4. Wheat performance trial at Baton Rouge, LA for 2009.

Brand / variety	Grain Yield 2009	rnk	Grain Yield 2-Yr	Test Wt	Head Day	Plant Height	Lodging	Leaf Rust	Black Point	Pheno type
	bu/a			lbs/bu	of yr	in	0-9	%	0-9	0-9
AGS 2035	**73.1**	15	**76.3**	**59.5**	**80**	**43**	**4.0**	**0**	**5.3**	**4.8**
DYNA-GRO BALDWIN	**79.1**	2	**76.3**	**59.4**	**85**	**44**	**0.0**	**0**	**3.8**	**3.2**
MAGNOLIA	**80.8**	1	**75.5**	**58.6**	**80**	**41**	**0.0**	**4**	**1.5**	**3.3**
COKER 9700	**74.9**	8	**72.1**	**59.8**	**80**	**42**	**0.0**	**3**	**4.5**	**3.8**
RAGAN&MASSEY LA95135	**72.4**	17	**71.6**	**57.8**	**93**	**44**	**0.0**	**0**	**2.0**	**4.7**
AGS 2060	**65.2**	32	**71.6**	**59.1**	**75**	**41**	**7.0**	**0**	**0.8**	**5.3**
TERRAL LA821	**75.1**	7	**70.9**	**58.3**	**80**	**41**	**0.0**	**0**	**3.3**	**3.3**
TERRAL LA841	**74.4**	9	**70.3**	**57.6**	**83**	**41**	**1.5**	**0**	**2.3**	**3.8**
DIXIE 427	**72.8**	16	**70.2**	**56.7**	**101**	**40**	**0.0**	**0**	**1.3**	**6.0**
PIONEER 26R61	**73.5**	12	**68.9**	**59.6**	**83**	**42**	**0.8**	**0**	**5.5**	**3.3**
JAMESTOWN	**74.0**	10	**68.1**	**60.4**	**80**	**39**	**0.0**	**0**	**0.8**	**3.5**
TERRAL LA482	**65.5**	31	**66.7**	**57.0**	**73**	**42**	**3.8**	**0**	**2.5**	**4.7**
AGS 2026	**71.9**	19	**65.8**	**57.7**	**95**	**38**	**0.0**	**0**	**3.3**	**4.8**
TAMsoft700	**66.3**	29	**65.3**	**56.0**	**91**	**37**	**0.0**	**0**	**0.8**	**5.3**
DELTA KING DK9108	**61.9**	39	**64.7**	**57.2**	**80**	**44**	**2.3**	**0**	**1.3**	**4.3**
AGS 2020	**57.2**	42	**63.4**	**58.5**	**79**	**40**	**6.0**	**0**	**2.0**	**4.8**
LA01138D-55	58.8	40	61.9	58.3	79	43	5.8	0	3.0	5.7
PROGENY 117	**71.4**	21	**60.7**	**57.8**	**84**	**43**	**0.0**	**13**	**1.8**	**5.2**
AGS 2031	**56.4**	44	**60.0**	**58.6**	**102**	**37**	**0.0**	**0**	**0.5**	**5.8**
USG 3295	**56.9**	43	**56.5**	**58.1**	**101**	**37**	**0.0**	**0**	**0.0**	**6.0**
PIONEER 26R87	**64.0**	35	**53.4**	**60.8**	**98**	**37**	**0.0**	**0**	**1.3**	**5.7**
USG 3555	**56.3**	45	**52.4**	**56.6**	**102**	**35**	**0.0**	**0**	**0.5**	**5.8**
USG 3209	**69.7**	26	**51.7**	**58.4**	**87**	**38**	**0.0**	**0**	**0.8**	**5.5**
USG 3592	**41.2**	56	**51.0**	**56.7**	**103**	**42**	**0.0**	**0**	**1.3**	**6.3**
COKER 9553	**64.4**	33	**48.7**	**59.6**	**93**	**42**	**0.0**	**3**	**0.0**	**4.5**
USG 3350	**44.2**	54	**40.3**	**56.6**		**42**	**0.0**	**5**	**1.5**	**7.3**
DELTA KING DK9577	**40.6**	57	**40.2**	**53.9**	**96**	**41**	**0.0**	**13**	**0.3**	**5.3**
TERRAL TV8558	**41.9**	55	**37.4**	**54.3**	**99**	**40**	**0.0**	**18**	**0.3**	**5.7**
LA01110D-150	77.6	3		58.5	83	44	1.0	0	1.8	3.8
LA01110D-181-6	77.1	4		58.2	83	42	1.8	0	6.0	3.7
LA01139D-56-1	76.4	5		58.6	81	39	0.0	0	2.8	3.2
DYNA-GRO OGLETHORPE	**75.5**	6		**58.1**	**94**	**38**	**0.0**	**0**	**3.0**	**5.0**
AR01120-56-7-C	73.9	11		58.5	85	36	0.0	0	0.0	4.2
LA01110D-84-1	73.3	13		58.3	82	43	3.0	0	6.8	4.3
LA01005D-2-2-C	73.2	14		58.4	83	40	2.5	0	2.0	4.3
LA01110D-100-6-4	72.3	18		58.6	80	40	4.5	2	6.5	4.7
GA-991209-6E33	71.6	20		60.3	75	42	3.8	0	4.3	4.3
VA04W-90	71.1	22		57.6	91	39	0.0	0	0.5	5.2
LA01140D-70	71.0	23		59.1	83	45	1.0	0	3.0	3.5
LA01110D-84-2	70.6	24		58.4	83	42	1.5	0	5.8	4.0
HBK 3266	**70.1**	25		**59.5**	**94**	**44**	**0.0**	**0**	**3.3**	**4.8**
GA-991336-6E9	69.1	27		58.0	76	41	5.3	0	3.0	5.0
HBK 3443	**67.3**	28		**57.8**	**83**	**41**	**0.0**	**4**	**0.5**	**4.0**
X3546	65.9	30		60.2	81	39	1.0	0	2.5	4.0
LA01162D-136-8-B	64.3	34		56.3	80	38	0.0	0	0.8	5.0
AR01008-12-2-C	63.4	36		59.0	79	41	6.3	0	2.0	5.0
LA01158D-55-8	62.0	37		60.0	72	37	5.3	2	0.8	5.0
GA-991371-6E12	61.9	38		58.5	76	41	4.5	0	3.3	4.8
LA01143D-51-2-B	57.2	41		57.8	80	39	4.8	0	2.5	5.7
VA04W-259	54.9	46		57.8	104	35	0.0	0	0.3	6.5

Table 4. Wheat performance trial at Baton Rouge, LA for 2009.

Brand / variety	Grain Yield 2009	rnk	2-Yr	Test Wt	Head Day	Plant Height	Lodging	Leaf Rust	Black Point	Pheno type
	bu/a			lbs/bu	of yr	in	0-9	%	0-9	0-9
EXP SR39L47	54.3	47		54.0	98	36	0.0	4	0.5	5.7
PROGENY 119	**51.8**	**48**		**57.5**	**86**	**39**	**0.0**	**4**	**1.0**	**6.3**
PROGENY 130	**49.2**	**49**		**59.7**	**105**	**41**	**0.0**	**4**	**0.3**	**6.8**
DELTA GROW 5200	**48.4**	**50**		**57.4**		**41**	**0.0**	**4**	**1.3**	**7.2**
DIXIE 940	**48.2**	**51**		**55.9**	**101**	**43**	**0.0**	**3**	**1.3**	**5.8**
PIONEER XW07B	47.8	52		55.2		41	0.0	0	2.0	6.0
ARMOR GOLD	**45.2**	**53**		**57.0**	**97**	**41**	**0.0**	**7**	**0.3**	**5.8**
AGS 2055	**37.2**	**58**		**53.3**		**38**	**0.0**	**3**	**0.8**	**6.2**
ARMOR ARX6202	36.7	59		53.9	105	38	0.0	3	0.0	6.2
ARMOR 360Z	27.2	60		50.1	105	39	0.0	10	0.5	6.2
ARMOR ARX840	17.4	61		48.9		36	0.0	3	0.8	7.0
PROGENY 136	**12.7**	**62**		**49.8**		**37**	**0.0**	**8**	**0.3**	**6.2**
DELTA KING DKX732 *		63								
MEAN	**61.5**		**62.1**	**57.5**	**87**	**40**	**1.2**	**2**	**2.0**	**5.1**
CV%	**10**		**9**	**2**	**2**	**3**	**69**	**102**	**45**	**8**
LSD (0.10)	**7.6**		**14.4**	**1.0**	**3**	**2**	**1.4**	**3**	**1.0**	**0.7**

Ben Hur Research Farm. Baton Rouge, LA. S. Harrison, K. Arceneaux, G. Schexnayder, and K. McCarthy.

Cultural and Site: Planted 11/15/2008. Harvested 5/21/2009. 18-46-60 preplant + 90-0-0 topdress fertilizer. Finesse herbicde preplant. Harmony X herbicide in spring. Wet December and January, Very dry February and March.

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

Blank heading dates indicate very late or partially-vernalized

DELTA KING DKX732 was very late/poorly headed and not harvestable.

Severe lodging occurred in some early varieties around March 30 (Head Day 89) due to high winds and heavy rainfally.

Black Point: http://www.ianrpubs.unl.edu/epublic/pages/publicationD.jsp?publicationId=352

Table 5. Wheat performance trial at Crowley, LA for 2009 with two-year mean yields, sorted by 2-yr mean yields.

Brand / variety	Grain Yield 2009	rnk	2-Yr	Test Wt	Head Day	Plant Ht	Lodging	Leaf Rust	Leaf Blotch	Fus. Hd.Blt.	Fus. Indx	Fus. DON	Pheno -type
		bu/a		lbs/bu	of yr	in	0-9	%	0-9	0-9	%		0-9
DYNA-GRO BALDWIN	**80.8**	**2**	**81.7**	**56.9**	**78**	**36**	**0.3**	**0**	**1.0**	**4.0**	**8**		**4.0**
AGS 2035	**73.9**	**6**	**77.6**	**56.7**	**72**	**34**	**1.8**	**0**	**0.5**	**3.5**	**10**		**4.0**
TERRAL LA821	**69.3**	**19**	**77.5**	**56.9**	**74**	**33**	**1.0**	**0**	**1.0**	**1.5**	**1**		**3.5**
AGS 2020	**71.1**	**13**	**73.8**	**57.3**	**71**	**33**	**1.8**	**0**	**1.0**	**1.5**	**3**		**3.5**
LA01138D-55	72.6	9	72.4	57.4	75	33	1.3	0	2.5	2.0	13		4.0
TERRAL LA841	**73.4**	**8**	**71.9**	**57.4**	**76**	**32**	**2.0**	**15**	**1.5**	**3.0**	**15**		**4.0**
PIONEER 26R61	**73.6**	**7**	**71.5**	**57.1**	**78**	**36**	**0.5**	**13**	**1.0**	**6.0**	**43**		**4.5**
USG 3592	**63.7**	**32**	**71.3**	**56.7**	**88**	**36**	**0.0**	**0**	**1.0**	**2.5**	**13**		**3.5**
AGS 2060	**59.9**	**39**	**69.5**	**56.9**	**69**	**34**	**2.3**	**0**	**1.0**	**1.0**	**1**		**3.5**
JAMESTOWN	**71.2**	**12**	**69.1**	**56.9**	**75**	**32**	**1.3**	**3**	**1.5**	**2.5**	**1**		**4.0**
MAGNOLIA	**76.1**	**5**	**68.5**	**57.2**	**74**	**35**	**2.0**	**13**	**1.0**	**1.0**	**1**		**5.0**
TAMSOFT 700	**67.2**	**24**	**68.3**	**57.2**	**81**	**32**	**1.5**	**0**	**1.0**	**5.5**	**15**		**5.0**
AGS 2031	**65.5**	**27**	**68.0**	**56.6**	**89**	**32**	**0.0**	**0**	**1.0**	**2.5**	**20**		**6.0**
TERRAL LA482	**69.6**	**17**	**67.5**	**56.9**	**70**	**35**	**2.3**	**3**	**1.0**	**2.0**	**13**		**6.0**
RAGAN&MASSEY LA95135	**65.1**	**28**	**67.4**	**57.2**	**85**	**37**	**0.0**	**0**	**1.0**	**3.0**	**25**		**4.0**
DELTA KING DK9108	**70.9**	**14**	**66.0**	**57.2**	**75**	**37**	**2.3**	**7**	**1.5**	**2.0**	**3**		**4.5**
DIXIE 427	**66.2**	**26**	**65.4**	**55.9**	**88**	**35**	**0.5**	**7**	**1.0**	**2.0**	**3**		**5.5**
USG 3295	**61.9**	**33**	**65.3**	**56.4**	**92**	**32**	**0.0**	**0**	**1.0**	**2.0**	**5**		**5.0**
AGS 2026	**57.2**	**44**	**62.9**	**57.5**	**85**	**32**	**1.3**	**4**	**1.0**	**6.0**	**13**		**5.0**
COKER 9700	**61.8**	**34**	**61.2**	**56.7**	**73**	**31**	**1.0**	**5**	**1.0**		**8**		**5.0**
PIONEER 26R87	**53.3**	**46**	**59.7**	**57.3**	**87**	**33**	**0.3**	**2**	**1.0**	**2.5**	**5**		**4.5**
USG 3555	**57.8**	**43**	**59.3**	**56.6**	**89**	**31**	**0.0**	**23**	**1.0**	**0.5**	**3**		**6.0**
PROGENY 117	**58.1**	**41**	**55.6**	**56.9**	**78**	**36**	**4.5**	**25**	**1.5**	**3.0**	**1**		**6.5**
DELTA KING DK9577	**49.6**	**49**	**48.6**	**56.9**	**86**	**33**	**0.3**	**15**	**1.5**	**3.5**	**1**		**6.5**
TERRAL TV8558	**48.2**	**51**	**47.6**	**56.9**	**89**	**34**	**0.3**	**50**	**1.5**	**2.5**	**3**		**7.0**
USG 3209	**38.9**	**58**	**43.6**	**56.4**	**80**	**31**	**0.5**	**25**	**2.0**	**4.5**	**6**		**7.0**
COKER 9553	**46.3**	**53**	**42.7**	**56.6**	**87**	**34**	**1.0**	**20**	**2.0**	**2.5**	**3**		**6.5**
USG 3350	**34.0**	**62**	**37.4**	**56.0**	**99**	**35**	**0.8**	**7**	**3.5**	**2.0**	**3**		**6.5**
X3546	94.5	1		56.7	76	33	0.8	4	2.0	2.0	3		4.0
GA-991336-6E9	79.4	3		57.5	69	35	2.0	0	1.0	1.0	1		3.5
GA-991371-6E12	77.7	4		56.8	69	34	1.0	0	2.0	1.0	3		3.0
LA01110D-150	72.5	10		57.5	78	37	2.3	3	1.0	2.5	20		4.0
LA01140D-70	71.9	11		56.6	76	36	1.5	3	1.5	3.0	10		4.0
LA01158D-55-8	70.0	15		56.8	70	31	3.3	8	1.0	3.0	3		5.0
LA01110D-84-1	69.9	16		56.9	76	35	1.8	7	1.0	3.0	5		4.0
LA01139D-56-1	69.4	18		57.4	75	29	3.5	7	2.0	3.0	8		5.0
HBK 3266	**69.2**	**20**		**56.5**	**85**	**35**	**1.8**	**0**	**1.0**	**2.5**	**1**		**4.0**
LA01162D-136-8-B	68.6	21		57.6	75	32	4.0	13	2.0	0.5	1		5.0
LA01110D-181-6	67.9	22		57.4	78	35	2.0	4	1.0	4.5	15		4.5
AR01120-56-7-C	67.5	23		57.6	80	29	2.3	5	2.5	3.5	10		4.5
AR01008-12-2-C	67.0	25		57.0	72	34	1.8	2	2.0	2.0	3		3.5
HBK 3443	**65.1**	**29**		**57.2**	**79**	**32**	**2.5**	**40**	**1.5**	**4.0**	**15**		**6.0**
VA04W-90	64.8	30		55.8	79	34	0.0	5	1.0	4.0	5		5.5
LA01110D-84-2	64.7	31		57.5	76	36	2.5	8	1.0	3.5	3		4.5
GA-991209-6E33	61.5	35		56.8	69	33	1.0	0	2.0	1.0	13		4.0
LA01143D-51-2-B	61.2	36		57.1	72	32	3.3	5	1.5	0.5	3		5.5
LA01110D-100-6-4	60.9	37		56.9	72	35	4.5	10	1.0	1.0	3		5.5
LA01005D-2-2-C	60.0	38		56.4	77	33	2.0	10	1.0	2.5	10		4.5
PIONEER XW07B	58.5	40		55.9	100	33	0.0	2	1.0	0.0	6		5.0
VA04W-259	58.0	42		55.5	96	30	0.0	0	1.0	0.5	10		5.0
DYNA-GRO OGLETHORPE	**56.7**	**45**		**57.6**	**84**	**32**	**1.0**	**0**	**0.5**	**5.5**	**18**		**5.0**
DIXIE 940	**53.3**	**47**		**56.9**	**89**	**36**	**0.0**	**25**	**1.0**	**2.5**	**1**		**6.5**
ARMOR ARX6202	49.6	48		56.2	96	33	0.0	18	1.5	1.0	1		6.0
PROGENY 136	**49.0**	**50**		**56.4**	**102**	**33**	**0.0**	**20**	**1.0**	**0.0**	**6**		**6.0**
ARMOR GOLD	**46.7**	**52**		**57.2**	**88**	**34**	**1.8**	**60**	**2.0**	**1.5**	**3**		**6.5**

Table 5. Wheat performance trial at Crowley, LA for 2009 with two-year mean yields, sorted by 2-yr mean yields.

	Grain Yield			Test	Head	Plant	Lod	Leaf	Leaf	Fus.	Fus.	Fus.	Pheno
	2009	rnk	2-Yr	Wt	Day	Ht	ging	Rust	Blotch	Hd.Blt.	Indx	DON	-type
Brand / variety		bu/a		lbs/bu	of yr	in	0-9	%	0-9	0-9	%		0-9
PROGENY 130	**45.0**	**54**		**55.6**	**98**	**34**	**0.0**	**15**	**1.5**	**0.0**	**1**		**7.5**
EXP SR39L47	42.4	55		57.7	87	32	1.5	13	2.0	5.5	1		6.5
AGS 2055	**41.3**	**56**		**56.8**	**97**	**35**	**0.0**	**3**	**1.0**	**0.5**	**1**		**5.5**
PROGENY 119	**40.3**	**57**		**57.2**	**80**	**33**	**0.3**	**30**	**2.0**	**3.0**	**5**		**6.5**
ARMOR 360Z	37.7	59		56.8	98	33	0.0	33	2.0	0.0	8		7.0
DELTA GROW 5200	**37.3**	**60**		**56.0**	**99**	**33**	**0.3**	**5**	**2.0**	**0.0**	**6**		**6.5**
ARMOR ARX840	36.0	61		56.3	102	32	0.0	8	1.0	0.0	3		6.0
DELTA KING DKX732	31.8	63		53.3	115	32	0.0	8			6		8.0
Mean	**60.9**		**64.1**	**56.8**	**82**	**33**	**1.2**	**10**	**1.4**	**2.4**	**7**		**5.1**
CV%	**14**		**12**	**1**	**1**	**4**	**58**	**58**	**46**	**45**	**73**		**13**
LSD (0.10)	**10.3**		**9.4**	**0.9**	**1**	**2**	**0.8**	**10**	**1.1**	**1.9**	**9**		**1.1**

Rice Research Station, Crowley, LA. Don Groth, 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.

Fus.Hd.Blt is a Fusarium headblight (scab) rating with 0 = none and 9 = severely headblighted during granfill.

Fus. ISK is an estimate of the percent scabby kernels in harvested grain. These are from hand-harvested samples from the yield plots that were threshed with very little air (to avoid blowing out scabby seed), cleaned by hand, and visually compared to known standards.

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 2009, with two-year mean yields, sorted by two-year mean yields.

	Grain Yield			Test	Head	Plant		Leaf	
	2009	rnk	2-Yr	Wt	Day	Height	Lodging	Rust	Pheno type
Brand / variety		**bu/a**		**lbs/bu**	**of yr**	**in**	**0-9**	**%**	**0-9**
DYNA-GRO BALDWIN	**98.4**	**1**	**75.8**	**59.2**	**84**	**35**	**1.3**	**0**	**3.0**
AGS 2060	**80.8**	**19**	**73.5**	**60.1**	**71**	**34**	**1.3**	**0**	**3.0**
MAGNOLIA	**86.3**	**10**	**73.4**	**59.0**	**77**	**31**	**1.3**	**4**	**3.0**
AGS 2035	**92.6**	**3**	**71.7**	**59.1**	**74**	**35**	**1.0**	**1**	**3.5**
AGS 2026	**88.9**	**4**	**71.6**	**55.8**	**91**	**31**	**1.3**	**0**	**5.0**
COKER 9700	**84.1**	**11**	**71.6**	**58.6**	**80**	**30**	**1.0**	**0**	**3.0**
TERRAL LA821	**86.9**	**8**	**68.4**	**59.4**	**77**	**32**	**1.3**	**0**	**3.0**
PIONEER 26R61	**88.8**	**5**	**67.9**	**59.8**	**82**	**34**	**1.0**	**0**	**3.0**
JAMESTOWN	**83.9**	**13**	**67.0**	**59.8**	**80**	**29**	**1.3**	**0**	**3.5**
AGS 2020	**83.5**	**15**	**67.0**	**59.1**	**74**	**32**	**1.5**	**0**	**3.0**
LA01138D-55	76.1	26	66.0	58.2	76	31	1.3	0	5.0
DELTA KING DK9108	**64.8**	**37**	**63.2**	**57.0**	**78**	**33**	**1.3**	**2**	**4.0**
RAGAN&MASSEY LA95135	**83.6**	**14**	**62.2**	**55.3**	**91**	**35**	**1.3**	**0**	**4.0**
PIONEER 26R87	**76.2**	**25**	**60.7**	**55.4**	**94**	**32**	**1.0**	**0**	**4.5**
TERRAL LA841	**83.0**	**16**	**58.5**	**56.6**	**83**	**30**	**1.3**	**0**	**3.0**
DIXIE 427	**72.1**	**30**	**57.7**	**52.4**	**97**	**34**	**1.0**	**2**	**7.0**
TAMsoft700	**71.9**	**31**	**57.0**	**53.6**	**89**	**30**	**1.0**	**0**	**5.5**
PROGENY 117	**64.9**	**36**	**53.9**	**57.0**	**83**	**32**	**1.8**	**15**	**5.0**
TERRAL LA482	**63.6**	**39**	**52.8**	**57.4**	**70**	**34**	**2.5**	**2**	**4.0**
AGS 2031	**71.7**	**32**	**49.3**	**52.4**	**99**	**32**	**1.0**	**0**	**6.0**
USG 3295	**57.1**	**41**	**48.4**	**49.3**	**103**	**31**	**1.0**	**0**	**7.5**
USG 3209	48.9	45	46.8	53.3	86	28	1.0	15	4.5
USG 3555	**44.4**	**48**	**41.9**	**49.1**	**102**	**29**	**1.0**	**1**	**6.5**
USG 3592	**27.3**	**59**	**41.2**	**53.6**	**93**	**33**	**1.3**	**0**	**6.5**
Coker 9553	**43.6**	**49**	**39.7**	**55.2**	**91**	**33**	**1.0**	**4**	**4.5**
TERRAL TV8558	**34.1**	**54**	**36.1**	**50.3**	**96**	**32**	**1.0**	**5**	**6.0**
USG 3350	**32.0**	**55**	**32.0**	**43.0**	**107**	**36**	**1.0**	**23**	**8.0**
DELTA KING DK9577	**28.4**	**58**	**29.4**	**48.0**	**93**	**32**	**1.0**	**4**	**5.5**
LA01110D-150	95.2	2		58.0	84	33	1.8	0	3.5
LA01005D-2-2-C	88.5	6		57.4	83	30	1.5	0	3.0
DYNA-GRO OGLETHORPE	**87.1**	**7**		**56.6**	**89**	**32**	**1.0**	**0**	**5.0**
X3546	86.6	9		58.5	78	28	1.0	0	3.5
LA01110D-181-6	84.1	12		57.8	82	32	1.3	3	4.5
HBK 3266	**81.3**	**17**		**55.6**	**91**	**34**	**1.0**	**0**	**5.5**
AR01120-56-7-C	81.2	18		58.7	86	29	1.3	0	3.5
LA01139D-56-1	80.2	20		58.2	76	30	1.0	3	4.5
LA01110D-84-2	79.9	21		59.3	81	33	1.8	0	3.0
LA01110D-100-6-4	78.5	22		58.1	72	33	1.5	3	4.0
LA01140D-70	78.0	23		58.8	79	34	1.3	0	3.0
GA-991336-6E9	77.6	24		58.1	71	32	1.3	0	3.5
GA-991371-6E12	74.6	27		58.4	70	32	1.5	0	4.0
LA01110D-84-1	73.9	28		59.1	79	33	2.0	1	3.5
GA-991209-6E33	72.4	29		58.5	69	34	2.0	3	4.5
LA01162D-136-8-B	69.9	33		56.5	79	29	1.0	0	4.0
AR01008-12-2-C	69.5	34		58.6	74	33	3.0	3	3.5
LA01158D-55-8	69.1	35		59.0	70	28	1.3	0	5.5
HBK 3443	**63.9**	**38**		**55.1**	**82**	**31**	**1.3**	**2**	**4.0**
LA01143D-51-2-B	59.5	40		57.1	82	29	2.3	0	5.5
VA04W-90	55.1	42		55.2	85	30	1.3	1	3.5
DIXIE 940	52.1	43		52.9	98	37	1.0	0	6.5

Table 6. Wheat performance trial at Jeanerette, LA for 2009, with two-year mean yields, sorted by two-year mean yields.

	Grain Yield			Test	Head	Plant		Leaf	
	2009	rnk	2-Yr	Wt	Day	Height	Lodging	Rust	Pheno type
Brand / variety		bu/a		lbs/bu	of yr	in	0-9	%	0-9
PROGENY 119	50.1	44		52.4	86	32	1.3	12	6.0
VA04W-259	48.9	46		42.6	104	30	1.0	0	7.5
EXP SR39L47	45.7	47		53.6	91	29	1.0	8	5.5
DELTA GROW 5200	**37.2**	**50**		**41.3**	**106**	**36**	**1.0**	**15**	**8.0**
ARMOR ARX6202	36.7	51		50.3	103	33	1.0	0	6.5
ARMOR GOLD	**36.3**	**52**		**52.5**	**94**	**32**	**1.0**	**2**	**6.5**
PROGENY 130	**35.8**	**53**		**40.0**	**106**	**35**	**1.0**	**15**	**8.0**
PIONEER XW07B	28.9	56		44.8	106	33	1.0	0	7.0
ARMOR 360Z	**28.5**	**57**		**47.3**	**106**	**32**	**1.0**	**3**	**7.0**
AGS 2055	**23.9**	**60**		**43.6**	**107**	**33**	**1.0**	**10**	**7.0**
ARMOR ARX840	##	61			111	32	1.0	10	8.0
DELTA KING DKX732	##	62				32	1.0	3	8.0
PROGENY 136	##	**63**			**112**	**31**	**1.0**	**5**	**8.0**
Mean	**66.8**		**57.4**	**54.8**	**87**	**32**	**1.3**	**3**	**5.0**
CV	**14**		**15**	**5**	**2**	**5**	**36**	**91**	**11**
LSD	**11.6**		**21.0**	**3.3**	**2**	**2**	**0.5**	**4**	**0.9**

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

Cultural and Site: Baldwin Silty Clay Loam. Planted 11/17/08. Good emergence. Finesse herbicide applied at 0.40 oz/acre on 11-25-08. 11.5-0-0 as urea fertilizer on 12-9-08. 100-0-0-5Fe fertilizer on 2-20-09. Harvested on 5/15/2009.

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

indicates the variety was very late and poorly headed, and could not be hearvested when the test was combined.

Blank heading dates indicate very late or partially-vernalized

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Table 7. Wheat performance trial across North Louisiana for 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Bacteria 0-9
DIXIE 427	**84.0**	**55.7**	**89**	**38**	**1.3**	**0**	**0.0**
AGRIPRO COKER MAGNOLIA	**82.1**	**58.2**	**85**	**38**	**1.0**	**2**	**1.5**
PIONEER 26R87	**81.8**	**60.4**	**85**	**39**	**0.8**	**0**	**1.0**
GA-991209-6E33	81.0	59.2	78	39	3.0	0	1.5
USG 3295	**80.8**	**55.9**	**88**	**36**	**1.2**	**1**	**0.8**
DYNA-GRO BALDWIN	**80.3**	**57.1**	**87**	**44**	**1.2**	**0**	**1.8**
TERRAL LA821	**79.1**	**56.9**	**78**	**38**	**3.5**	**0**	**2.0**
LA01139D-56-1	79.1	57.6	78	37	1.2	1	2.8
EXP SR39L47	78.9	56.3	80	34	1.2	26	2.0
RAGAN&MASSEY LA95135	**78.9**	**57.2**	**84**	**39**	**1.5**	**0**	**0.0**
AR01120-56-7-C	78.6	57.7	84	35	2.2	0	3.5
PIONEER XW07B	78.4	54.6	94	39	0.0	0	0.0
AGS 2035	**78.4**	**58.6**	**79**	**40**	**2.0**	**0**	**1.3**
GA-991336-6E9	77.9	57.7	81	36	4.7	0	3.3
DIXIE 454	**77.6**	**56.6**	**93**	**40**	**1.3**	**0**	**0.5**
PROGENY 117	**77.5**	**56.5**	**84**	**38**	**1.3**	**36**	**0.0**
VA04W-259	77.4	54.5	91	37	0.0	0	0.5
AGS 2026	**77.1**	**57.7**	**81**	**37**	**4.8**	**1**	**0.0**
VA04W-90	77.0	56.6	84	35	0.3	6	1.8
GA-991371-6E12	76.8	57.3	82	38	2.8	0	4.8
AGS 2031	**76.7**	**56.8**	**85**	**34**	**1.8**	**0**	**1.0**
TAMSOFT 700	**76.5**	**56.8**	**84**	**35**	**2.3**	**0**	**1.5**
AGS 2020	**76.0**	**57.8**	**78**	**36**	**3.0**	**0**	**1.8**
JAMESTOWN	**75.9**	**58.7**	**78**	**36**	**1.0**	**21**	**3.3**
LA01138D-55	75.9	56.5	82	37	2.2	0	4.0
AGS 2060	**75.7**	**59.0**	**79**	**38**	**3.5**	**0**	**2.3**
USG 3555	**75.5**	**56.1**	**89**	**34**	**1.5**	**1**	**0.5**
HBK 3443	**75.4**	**54.4**	**84**	**36**	**2.3**	**40**	**1.0**
PROGENY 185	**75.0**	**54.7**	**89**	**39**	**1.5**	**4**	**0.0**
TERRAL LA841	**74.9**	**56.4**	**79**	**36**	**3.2**	**18**	**0.5**
USG 3592	**74.8**	**56.3**	**87**	**39**	**1.8**	**0**	**0.8**
DYNA-GRO OGLETHORPE	**73.8**	**57.6**	**82**	**37**	**5.3**	**0**	**1.5**
DIXIE 940	**73.7**	**55.6**	**88**	**41**	**0.0**	**1**	**0.0**
LA01110D-150	73.2	58.3	78	36	4.0	1	2.3
AGS 2055	**73.2**	**52.0**	**90**	**41**	**1.2**	**4**	**0.0**
AR01008-12-2-C	72.9	58.7	81	35	3.7	13	2.0
TERRAL LA482	**72.9**	**55.8**	**79**	**39**	**2.0**	**0**	**2.8**
CROPLAN 8302	**72.9**	**54.5**	**92**	**39**	**0.0**	**12**	**0.0**
X3546	72.8	57.6	86	37	0.2	0	0.5
LA01110D-181-6	72.6	57.4	80	36	2.3	0	2.3
ARMOR ARX6202	72.6	54.5	95	38	0.0	3	0.0
HBK 3266	**72.5**	**56.1**	**84**	**38**	**3.8**	**0**	**2.5**
PROGENY 130	**72.1**	**55.5**	**93**	**39**	**1.0**	**3**	**0.0**
ARMOR 360Z	**71.7**	**50.8**	**93**	**39**	**0.5**	**14**	**0.0**
TERRAL TV8170	**71.3**	**54.8**	**89**	**43**	**1.2**	**13**	**1.0**
LA01005D-2-2-C	71.3	55.9	78	37	4.7	55	4.5
DELTA GROW 5200	**71.0**	**56.3**	**93**	**42**	**0.0**	**4**	**0.0**
DELTA KING GR9108	**71.0**	**56.0**	**83**	**40**	**3.0**	**4**	**0.0**
ARMOR GOLD	**70.3**	**56.4**	**87**	**40**	**2.3**	**18**	**0.5**
USG 3350	**70.2**	**56.0**	**89**	**42**	**1.3**	**8**	**0.8**

Table 7. Wheat performance trial across North Louisiana for 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Bacteria 0-9
PIONEER 26R61	**70.1**	**58.6**	**82**	**38**	**0.7**	**0**	**2.8**
DELTA KING 9577	**69.8**	**52.7**	**88**	**38**	**2.5**	**36**	**0.0**
TERRAL TV8558	**69.5**	**53.5**	**89**	**39**	**0.5**	**28**	**0.5**
AGRIPRO COKER 9553	**69.3**	**58.4**	**86**	**37**	**2.5**	**4**	**1.0**
PROGENY 136	**69.2**	**51.2**	**93**	**39**	**0.0**	**1**	**0.0**
DELTA GROW 1600	**68.9**	**53.7**	**93**	**41**	**0.5**	**4**	**0.5**
LA01158D-55-8	68.8	59.0	81	33	3.5	0	3.8
LA01140D-70	68.6	57.1	79	40	5.2	0	3.5
LA01110D-84-2	68.4	57.6	77	37	3.2	3	3.3
PROGENY 119	**68.0**	**55.6**	**91**	**40**	**0.7**	**5**	**0.0**
LA01162D-136-8-B	67.6	55.2	83	36	2.3	17	0.5
ARMOR ARX840	**67.5**	**51.5**	**93**	**40**	**2.8**	**0**	**0.8**
PROGENY 166	**66.9**	**54.8**	**91**	**43**	**0.8**	**4**	**0.5**
USG 3209	**66.8**	**55.7**	**83**	**34**	**2.5**	**16**	**2.0**
LA01110D-84-1	64.4	58.0	78	38	4.5	1	2.5
LA01143D-51-2-B	59.1	56.1	75	35	3.5	13	0.0
AGRIPRO COKER 9700	**56.8**	**58.1**	**78**	**35**	**3.5**	**11**	**0.0**
DELTA KING DKX732	56.2	52.4	100	39	0.0	0	0.0
LA01110D-100-6-4	55.9	57.4	75	34	4.8	38	0.5
MEAN	**73.0**	**56.3**	**85**	**38**	**2.0**	**7**	**1**
CV%	**10**	**3**	**2**	**5**	**110**	**115**	**102**
LSD (0.10)	**9.5**	**2.6**	**3**	**3**	**2.5**	**18**	**2**

Data from Dean Lee (Alexandria), Northeast (St. Joseph) and Macon Ridge (Winnsboro) Research Stations.

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

Table 8. Wheat performance trial across North Louisiana for two years, 2008 and 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Bacteria 0-9	Phenotype 0-9
DIXIE 427	**80.0**	**56.8**	**94**	**38**	**2.3**	**2**	**0.0**	**4.8**
PIONEER 26R87	**78.4**	**60.5**	**92**	**38**	**0.3**	**13**	**0.4**	**3.8**
USG 3295	**78.1**	**57.7**	**94**	**37**	**0.8**	**1**	**0.3**	**5.0**
DYNA-GRO BALDWIN	**77.9**	**58.1**	**94**	**42**	**0.5**	**0**	**0.9**	**3.3**
USG 3555	**77.1**	**56.5**	**94**	**34**	**0.6**	**2**	**0.2**	**4.5**
AGS 2060	**77.0**	**59.7**	**86**	**41**	**1.4**	**0**	**0.9**	**3.0**
RAGAN&MASSEY LA95135	**76.4**	**57.9**	**91**	**41**	**1.4**	**0**	**0.2**	**3.3**
AGS 2035	**75.6**	**59.2**	**86**	**41**	**0.9**	**0**	**0.5**	**3.0**
DIXIE 454	**74.6**	**58.1**	**98**	**41**	**0.7**	**0**	**0.2**	**4.8**
JAMESTOWN	**74.2**	**59.5**	**87**	**36**	**0.6**	**18**	**1.5**	**3.5**
AGS 2031	**73.9**	**58.0**	**92**	**37**	**1.1**	**0**	**0.4**	**4.8**
AGRIPRO COKER MAGNOLIA*	**73.5**	**58.2**	**90**	**39**	**0.5**	**14**	**0.6**	**3.5**
USG 3592	**72.8**	**58.3**	**95**	**40**	**3.0**	**0**	**0.3**	**4.5**
TERRAL LA821	**72.7**	**57.5**	**86**	**40**	**1.6**	**0**	**1.0**	**3.0**
DELTA KING GR9108	**72.7**	**57.1**	**89**	**41**	**1.6**	**5**	**0.0**	**3.8**
AGS 2026	**72.6**	**57.7**	**90**	**36**	**4.4**	**6**	**0.0**	**3.8**
LA01138D-55	72.5	57.6	89	40	1.1	5	2.4	3.8
PROGENY 117	**71.8**	**57.0**	**90**	**39**	**1.6**	**37**	**0.0**	**4.8**
TERRAL LA841	**71.6**	**57.3**	**87**	**38**	**1.6**	**7**	**0.2**	**3.0**
TAMSOFT 700	**71.5**	**57.0**	**90**	**37**	**2.1**	**0**	**0.7**	**3.5**
AGS 2020	**70.2**	**58.2**	**86**	**39**	**2.2**	**1**	**0.7**	**3.5**
PROGENY 185	**68.1**	**55.3**	**96**	**39**	**0.6**	**16**	**0.0**	**5.3**
PIONEER 26R61	**67.3**	**59.4**	**90**	**40**	**0.3**	**2**	**1.1**	**3.8**
AGRIPRO COKER 9553	**66.9**	**58.8**	**92**	**37**	**1.3**	**15**	**0.4**	**4.3**
TERRAL LA482	**66.7**	**56.8**	**85**	**40**	**0.9**	**25**	**1.3**	**4.3**
AGRIPRO COKER 9700	**65.6**	**58.9**	**86**	**35**	**1.7**	**9**	**0.0**	**3.3**
TERRAL TV8558	**65.0**	**54.6**	**95**	**38**	**0.6**	**34**	**0.2**	**4.8**
USG 3209	**64.8**	**56.3**	**91**	**36**	**1.4**	**26**	**0.8**	**5.0**
CROPLAN 8302	**64.6**	**56.0**	**98**	**38**	**0.8**	**23**	**0.0**	**4.3**
PROGENY 166	**64.3**	**57.0**	**97**	**42**	**0.6**	**19**	**0.2**	**5.3**
USG 3350	**64.1**	**57.3**	**94**	**42**	**0.8**	**18**	**0.3**	**5.3**
DELTA KING 9577	**64.0**	**54.6**	**95**	**38**	**1.8**	**43**	**0.0**	**5.3**
TERRAL TV8170	**63.1**	**54.3**	**97**	**38**	**0.9**	**21**	**0.4**	**5.8**
DELTA GROW 1600	**58.1**	**54.8**	**99**	**40**	**1.0**	**28**	**0.2**	**6.3**
MEAN	**70.8**	**57.4**	**92**	**39**	**1.3**	**12**	**0.4**	**4.2**
CV%	**11**	**2**	**2**	**6**	**139**	**94**	**182.0**	**13**
LSD (0.10)	**6.3**	**2.9**	**1**	**1**	**1.6**	**1**	**0.7**	**1.2**

Data from 2008 and 2009 at Dean Lee (Alexandria), Northeast (St. Joseph) and Macon Ridge (Winnsboro) Research Stations and 2008 Red River RS (Bossier City).

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

***Magnolia was not tested at Winnsboro in 2008 (is missing one location).**

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Table 9. Wheat performance trial across North Louisiana for three years, 2007, 2008, and 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Bacteria 0-9	Phenotype 0-9
USG 3295	**77.7**	**57.8**	**93**	**37**	**0.6**	**0**	**0.2**	**4.5**
PIONEER 26R87	**76.9**	**60.4**	**91**	**38**	**0.3**	**9**	**0.3**	**4.0**
AGS 2060	**76.8**	**59.9**	**85**	**42**	**1.1**	**0**	**2.0**	**3.6**
USG 3555	**76.7**	**56.4**	**93**	**34**	**0.5**	**2**	**0.1**	**4.0**
AGRIPRO COKER MAGNOLIA	**76.4**	**58.3**	**89**	**39**	**0.4**	**10**	**1.5**	**3.4**
RAGAN&MASSEY LA95135	**76.4**	**57.7**	**90**	**41**	**1.1**	**0**	**0.3**	**3.4**
AGS 2026	**75.0**	**58.2**	**89**	**36**	**3.6**	**4**	**0.0**	**3.4**
USG 3592	**74.8**	**58.2**	**94**	**40**	**2.4**	**0**	**0.2**	**4.1**
TERRAL LA821	**74.8**	**58.0**	**84**	**40**	**1.3**	**0**	**0.7**	**3.0**
AGS 2031	**74.4**	**58.3**	**91**	**37**	**0.9**	**0**	**0.3**	**4.4**
TERRAL LA841	**74.2**	**57.5**	**87**	**38**	**1.3**	**5**	**0.1**	**3.3**
JAMESTOWN	**74.1**	**59.7**	**86**	**36**	**0.5**	**12**	**2.6**	**3.3**
DELTA KING GR9108	**72.2**	**57.4**	**89**	**41**	**1.3**	**3**	**0.0**	**4.2**
AGS 2020	**70.9**	**58.7**	**86**	**39**	**1.8**	**0**	**0.9**	**3.1**
AGRIPRO COKER 9553	**69.3**	**58.9**	**91**	**38**	**1.0**	**10**	**0.4**	**3.6**
TERRAL TV8558	**69.2**	**55.6**	**94**	**38**	**0.5**	**24**	**0.1**	**4.4**
PIONEER 26R61	**68.1**	**59.5**	**89**	**40**	**0.2**	**1**	**1.4**	**3.7**
USG 3209	**68.1**	**57.0**	**90**	**36**	**1.2**	**18**	**1.6**	**4.5**
DELTA KING 9577	**68.0**	**55.6**	**93**	**38**	**1.5**	**31**	**0.0**	**5.0**
AGRIPRO COKER 9700	**67.5**	**59.0**	**85**	**36**	**1.4**	**6**	**0.0**	**3.5**
TERRAL TV8170	**67.3**	**55.2**	**95**	**39**	**0.8**	**15**	**0.3**	**5.4**
CROPLAN 8302	**67.2**	**56.0**	**97**	**38**	**0.7**	**16**	**0.0**	**4.0**
TERRAL LA482	**65.9**	**57.2**	**84**	**40**	**0.8**	**17**	**2.9**	**4.3**
DELTA GROW 1600	**62.1**	**54.9**	**98**	**39**	**0.8**	**20**	**0.1**	**5.4**
MEAN	**71.8**	**57.7**	**90**	**38**	**1.1**	**9**	**0.7**	**4.0**
CV%	**11**	**2**	**2**	**6**	**146**	**110**	**131**	**16**
LSD (0.10)	**5.9**	**0.9**	**1**	**1**	**1.0**	**11**	**1.1**	**0.8**

Data from 2007, 2008 and 2009 at Dean Lee (Alexandria), Northeast (St. Joseph) and Macon Ridge (Winnsboro) Research Stations and 2008 Red River RS (Bossier City).

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

***Magnolia was not tested at Winnsboro in 2008 (is missing one location).**

Table 10. Wheat performance trial at Alexandria, LA for 2009, with two-year mean yields, sorted by two-year mean yields.

	GrainYield			Test	Head	Plant	Leaf	Bacterial
	2009	rnk	2-yr	Wt	Day	Height	Rust	Streak
Brand / variety		bu/a		lbs/bu	of yr	in	%	0-9
RAGAN&MASSEY LA95135	**77.5**	**1**	**70.8**	**56.6**	**83**	**39**	**0**	**0.0**
USG 3592	**75.8**	**5**	**68.6**	**58.0**	**91**	**42**	**0**	**1.5**
DIXIE 427	**77.1**	**3**	**68.6**	**56.3**	**91**	**40**	**1**	**0.0**
DELTA KING DK9108	**69.3**	**28**	**68.6**	**54.4**	**87**	**40**	**10**	**0.0**
PIONEER 26R87	**68.4**	**33**	**66.7**	**60.5**	**89**	**40**	**0**	**0.0**
AGS 2060	**63.7**	**54**	**66.5**	**58.5**	**83**	**39**		**1.5**
USG 3555	**73.7**	**9**	**66.4**	**55.8**	**98**	**36**	**1**	**0.0**
USG 3295	**73.0**	**11**	**66.3**	**52.1**	**95**	**39**	**3**	**1.5**
AGS 2026	**74.6**	**7**	**64.3**	**57.8**	**84**	**37**	**1**	**0.0**
PROGENY 117	**74.2**	**8**	**63.8**	**55.9**	**87**	**38**	**50**	**0.0**
AGS 2035	**71.4**	**20**	**62.4**	**58.3**	**82**	**41**	**0**	**0.0**
TERRAL LA821	**72.5**	**14**	**62.3**	**56.4**	**81**	**40**	**0**	**2.0**
AGS 2031	**64.7**	**49**	**62.3**	**54.9**	**90**	**37**	**0**	**1.0**
TERRAL LA841	**67.4**	**37**	**62.0**	**57.8**	**84**	**38**	**10**	**0.0**
JAMESTOWN	**61.7**	**60**	**61.7**	**57.9**	**83**	**36**		**3.0**
DIXIE 454	**71.2**	**22**	**61.4**	**55.9**	**93**	**40**	**0**	**0.0**
PROGENY 185	**72.5**	**15**	**61.2**	**53.7**	**91**	**42**	**5**	**0.0**
PROGENY 166	**66.5**	**42**	**61.1**	**51.4**	**91**	**46**	**1**	**0.0**
DELTA KING DK9577	**76.4**	**4**	**59.1**	**47.2**	**92**	**40**	**38**	**0.0**
PIONEER 26R61	**62.8**	**57**	**58.7**	**58.2**	**86**	**41**	**0**	**1.5**
COKER 9553	**64.6**	**50**	**58.2**	**58.4**	**91**	**42**	**0**	**0.0**
TAMsoft700	**65.7**	**48**	**57.9**	**56.2**	**88**	**36**	**0**	**1.5**
USG 3350	**71.0**	**23**	**57.8**	**54.2**	**91**	**45**	**3**	**0.0**
LA01138D-55	64.5	52	57.4	55.1	84	39	0	3.5
COKER 9700	**56.8**	**69**	**57.3**	**57.4**	**82**	**35**		**0.0**
USG 3209	**66.6**	**41**	**56.9**	**56.1**	**86**	**35**	**40**	**1.0**
TERRAL TV8558	**71.3**	**21**	**56.7**	**51.5**	**91**	**41**	**25**	**1.0**
DYNA-GRO BALDWIN	**66.3**	**44**	**56.5**	**56.6**	**91**	**46**	**0**	**1.5**
AGS 2020	**66.4**	**43**	**53.9**	**57.1**	**84**	**37**	**0**	**2.0**
CROPLAN 8302	**68.0**	**35**	**52.8**	**51.6**	**93**	**41**	**5**	**0.0**
TERRAL TV8170	**70.8**	**24**	**52.4**	**52.9**	**91**	**44**	**13**	**0.0**
TERRAL LA482	**60.7**	**63**	**52.1**	**52.2**	**83**	**39**		**1.5**
DELTA GROW 1600	**66.1**	**45**	**49.7**	**37.6**	**92**	**44**	**3**	**0.0**
EXP SR39L47	77.2	2		55.5	85	36		1.0
ARMOR 360Z	**74.7**	**6**		**46.9**	**96**	**41**	**11**	**0.0**
HBK 3443	**73.3**	**10**		**47.0**	**87**	**36**	**40**	**2.0**
MAGNOLIA	**72.7**	**12**		**57.7**	**87**	**38**	**1**	**1.5**
LA01110D-181-6	72.6	13		57.5	85	37	1	2.5
DIXIE 940	**71.9**	**16**		**55.2**	**91**	**44**	**1**	**0.0**
AGS 2055	**71.7**	**17**		**44.9**	**91**	**42**	**5**	**0.0**
DELTA GROW 5200	**71.6**	**18**		**54.2**	**91**	**44**	**10**	**0.0**
PROGENY 136	**71.6**	**19**		**48.7**	**98**	**41**	**1**	**0.0**
ARMOR ARX6202	70.7	25		52.2	98	39	2	0.0
X3546	69.9	26		56.9	88	36	0	0.0
GA-991209-6E33	69.9	27		59.4	82	40		0.0
LA01005D-2-2-C	69.0	29		54.8	83	38	95	3.0
VA04W-90	69.0	30		52.9	88	36	5	2.0
VA04W-259	68.8	31		44.7	85	41	0	0.0
AR01120-56-7-C	68.7	32		58.3	88	40	0	2.5
LA01110D-150	68.0	34		59.0	84	38	4	1.0

Table 10. Wheat performance trial at Alexandria, LA for 2009, with two-year mean yields, sorted by two-year mean yields.

Brand / variety	GrainYield 2009	rnk	GrainYield 2-yr	Test Wt	Head Day	Plant Height	Leaf Rust	Bacterial Streak
	bu/a			lbs/bu	of yr	in	%	0-9
PROGENY 130	**67.9**	**36**		**43.0**	**98**	**39**	**1**	**0.0**
LA01162D-136-8-B	67.3	38		56.2	85	35	30	0.0
DYNA-GRO OGLETHORPE	**67.2**	**39**		**56.6**	**86**	**39**	**1**	**0.0**
LA01139D-56-1	66.7	40		56.1	82	40		3.0
PIONEER XW07B	65.9	46		45.0	95	41	0	0.0
GA-991336-6E9	65.7	47		58.0	83	37		1.5
HBK 3266	**64.5**	**51**		**54.3**	**90**	**39**	**0**	**1.5**
LA01110D-84-2	64.3	53		55.2	82	37	8	3.0
ARMOR ARX840	63.3	55		49.0	98	41	0	0.0
GA-991371-6E12	63.3	56		55.6	83	39	0	3.5
ARMOR GOLD	**62.5**	**58**		**57.6**	**91**	**42**	**6**	**1.0**
PROGENY 119	**62.5**	**59**		**51.8**	**95**	**43**	**1**	**0.0**
LA01110D-100-6-4	61.0	61		57.6	79	35	30	1.0
LA01140D-70	60.8	62		55.0	82	40	0	3.0
LA01143D-51-2-B	60.1	64		56.5	79	38		0.0
LA01110D-84-1	60.1	65		57.1	83	39	3	2.0
LA01158D-55-8	58.2	66		58.5	86	35		1.5
DELTA KING DKX732	57.2	67		43.3		40	0	0.0
AR01008-12-2-C	56.9	68		57.4	82	35		2.0
MEAN	**67.8**		**60.7**	**54.4**	**88**	**39**	**8**	**0.9**
CV%	**8**		**15**	**4**	**2**	**6**	**104**	**131**
LSD (0.10)	**6.6**		**12.6**	**4.0**	**3**	**4**	**17**	**2**

Dean Lee Research Station, Alexandria, LA.

Cultural and Site:

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

Leaf Rust developed late and probably had minimal impact on yield. Leaf rust rated late (April 29) and a number of varieties were too mature to rate.

NS indictaes non-significant differences among varieties

Table 11. Wheat performance trial at Bossier City, LA for 2009.

Brand / variety	HOG NOTE	Grain Yield 2009	rnk	2-Yr	Test Wt	Head Day	Plant Height	Lodging	Leaf Rust	Stem Rust	Bacteria
		bu/a			lbs/bu	of yr	in	0-9	%	0-9	0-9
AGS 2060		**77.9**	2	**76.3**	**56.3**	**76**	**38**	**2.5**	**0**	**0.0**	**0.0**
USG 3555		**73.7**	3	**75.4**	**54.3**	**79**	**34**	**1.0**	**1**	**0.0**	**0.0**
USG 3295	2H	**78.8**	1	**74.9**	**54.2**	**83**	**38**	**9.0**	**0**	**0.0**	**1.0**
DIXIE 427		**68.8**	9	**74.0**	**54.0**	**84**	**40**	**7.5**	**1**	**0.0**	**0.0**
PIONEER 26R87		**70.0**	8	**71.2**	**57.1**	**81**	**39**	**3.0**	**3**	**0.0**	**1.5**
JAMESTOWN		**72.7**	5	**67.5**	**56.5**	**78**	**35**	**3.0**	**5**	**0.0**	**0.5**
DELTA KING DK9108	1H	**56.9**	40	**67.3**	**53.6**	**80**	**38**	**6.5**	**0**	**0.1**	**0.0**
DYNA-GRO BALDWIN		**63.3**	22	**66.7**	**54.1**	**85**	**45**	**2.0**	**0**	**0.0**	**0.5**
DIXIE 454		**59.2**	34	**66.2**	**53.9**	**89**	**41**	**2.0**	**0**	**0.1**	**0.0**
TERRAL LA841		**68.5**	10	**66.1**	**55.0**	**76**	**34**	**2.0**	**1**	**0.1**	**0.0**
PROGENY 166		**70.5**	7	**65.7**	**54.9**	**86**	**46**	**0.0**	**16**	**0.0**	**0.0**
PROGENY 185		**66.9**	12	**65.1**	**52.6**	**83**	**42**	**0.5**	**10**	**0.3**	**0.0**
RAGAN&MASSEY LA95135		**60.2**	29	**63.6**	**54.3**	**81**	**42**	**3.0**	**0**	**0.0**	**1.0**
AGS 2035		**60.0**	30	**63.0**	**55.9**	**79**	**41**	**1.0**	**0**	**0.0**	**1.0**
USG 3209		**51.8**	47	**62.3**	**52.9**	**79**	**35**	**8.0**	**35**	**0.1**	**0.0**
TERRAL TV8170		**61.6**	26	**61.5**	**53.1**	**84**	**45**	**1.0**	**25**	**0.5**	**0.0**
TERRAL LA821		**64.0**	15	**61.1**	**55.5**	**76**	**38**	**3.5**	**0**	**0.1**	**1.5**
LA01138D-55		48.0	52	58.5	52.9	79	37	4.5	13	0.1	0.5
USG 3350		**61.1**	27	**58.2**	**54.3**	**86**	**46**	**0.5**	**13**	**0.1**	**0.0**
DELTA GROW 1600		**63.7**	16	**57.7**	**53.0**	**85**	**43**	**1.0**	**3**	**0.1**	**0.0**
COKER 9553		**55.6**	43	**57.3**	**56.2**	**79**	**36**	**0.5**	**13**	**0.0**	**0.5**
PIONEER 26R61		**58.5**	36	**56.2**	**55.8**	**82**	**40**	**0.5**	**0**	**0.0**	**2.0**
CROPLAN 8302		**62.7**	24	**55.9**	**53.0**	**87**	**41**	**0.5**	**30**	**0.0**	**0.0**
AGS 2020		**51.8**	48	**55.5**	**54.3**	**75**	**37**	**7.5**	**3**	**0.0**	**1.5**
TERRAL TV8558		**46.3**	55	**55.1**	**51.4**	**83**	**40**	**1.5**	**58**	**0.3**	**0.0**
PROGENY 117		**46.9**	54	**53.9**	**53.0**	**81**	**37**	**4.0**	**60**	**0.0**	**0.0**
DELTA KING DK9577		**44.9**	57	**52.9**	**50.8**	**84**	**40**	**1.0**	**40**	**0.1**	**0.0**
USG 3592		**37.0**	62	**51.9**	**52.9**	**82**	**37**	**5.5**	**0**	**6.3**	**0.0**
TERRAL LA482		**42.5**	58	**46.9**	**52.3**	**76**	**40**	**4.0**	**21**	**0.3**	**0.5**
GA-991336-6E9		73.5	4		56.8	79	37	3.0	0	0.1	1.0
DELTA GROW 5200		**71.3**	6		**54.3**	**91**	**43**	**0.0**	**3**	**0.0**	**0.0**
PROGENY 130		**67.8**	11		**55.4**	**85**	**42**	**1.0**	**5**	**0.0**	**0.0**
LA01110D-84-1		65.2	13		55.4	77	38	3.0	1	0.0	1.0
DIXIE 940		**65.1**	14		**53.1**	**85**	**44**	**0.0**	**1**	**0.3**	**0.0**
LA01110D-150		63.7	17		55.2	79	35	2.0	1	0.0	0.5
LA01110D-84-2		63.7	18		55.3	77	37	2.0	1	0.0	0.0
MAGNOLIA		**63.5**	19		**54.6**	**84**	**40**	**2.0**	**1**	**0.0**	**0.5**
GA-991371-6E12		63.4	20		54.9	80	38	1.5	3	0.0	0.5
PIONEER XW07B		63.4	21		53.1	86	41	2.5	0	0.6	0.0
LA01139D-56-1		63.1	23		54.7	76	32	1.5	1	0.0	3.0
LA01162D-136-8-B		62.1	25		53.7	81	37	6.0	0	0.1	1.0
GA-991209-6E33		61.1	28		56.5	75	39	3.5	3	0.3	0.0
PROGENY 119		**59.7**	31		**53.9**	**86**	**43**	**0.0**	**3**	**0.0**	**0.5**
AR01008-12-2-C		59.7	32		55.5	80	39	2.5	0	0.3	2.5
VA04W-90		59.4	33		54.5	82	37	4.5	10	0.3	0.0
AR01120-56-7-C		59.1	35		54.9	78	34	1.0	1	0.0	0.5
LA01110D-181-6		58.2	37		55.1	76	38	5.5	3	0.0	0.0
LA01140D-70		57.5	38		56.4	79	38	1.5	3	0.0	1.0
AGS 2055		**57.2**	39		**52.4**	**85**	**40**	**4.5**	**1**	**0.1**	**0.0**
ARMOR ARX6202		56.3	41		52.8	91	40	1.0	5	0.0	0.0

Table 11. Wheat performance trial at Bossier City, LA for 2009.

Brand / variety	HOG NOTE	Grain Yield 2009 bu/a	rnk	2-Yr	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Stem Rust 0-9	Bacteria 0-9
DELTA KING DKX732		56.3	42		51.9	87	44	0.0	1	1.0	0.0
LA01005D-2-2-C		54.1	44		54.8	77	37	2.0	0	0.0	1.0
X3546		53.1	45		55.1	85	38	4.5	0	0.0	1.0
LA01158D-55-8		52.9	46		55.8	77	36	7.0	6	0.1	3.0
ARMOR ARX840		50.8	49		50.3	83	41	4.0	10	0.0	0.0
ARMOR GOLD		**50.0**	**50**		**52.2**	**80**	**40**	**2.0**	**23**	**0.3**	**0.0**
ARMOR 360Z		**49.5**	**51**		**51.5**	**86**	**40**	**0.5**	**11**	**0.1**	**0.0**
HBK 3443	**1H**	**47.3**	**53**		**53.7**	**82**	**38**	**7.0**	**6**	**0.1**	**0.0**
HBK 3266		**46.2**	**56**		**53.9**	**79**	**37**	**5.5**	**0**	**5.0**	**0.0**
EXP SR39L47	2H	40.5	59		50.2	77	34	7.5	28	0.0	0.0
LA01143D-51-2-B		40.4	60		52.8	75	34	4.0	0	0.0	0.5
PROGENY 136		**37.5**	**61**		**48.1**	**84**	**39**	**2.0**	**20**	**0.0**	**0.0**
LA01110D-100-6-4		33.4	63		54.3	73	35	7.5	78	0.0	0.0
VA04W-259	3H				53.7	85	38	6.0	0	0.1	0.5
TAMsoft 700	**3H**				**54.3**	**81**	**37**	**3.5**	**0**	**0.0**	**0.0**
DYNA-GRO OGLETHORPE	**3H**				**51.8**	**80**	**36**	**9.0**	**1**	**0.0**	**0.0**
COKER 9700	**4H**				**55.0**	**77**	**35**	**8.5**	**1**	**0.0**	**1.0**
AGS 2031	**4H**				**52.6**	**81**	**34**	**9.0**	**0**	**0.0**	**0.5**
AGS 2026	**4H**				**52.5**	**82**	**35**	**9.0**	**0**	**0.1**	**0.5**
MEAN		**58.3**			**54.0**	**81**	**39**	**3.4**	**8**	**0.2**	**0.5**
CV%		**14**			**3**	**2**	**4**	**54**	**97**	**289**	**145**
LSD (0.10)		**9.6**			**1.8**	**3**	**3**	**3.0**	**13**	**1.1**	**1.1**

Red River Research Station. Jim Hayes, Pat Colyer, Boyd Padgett.

Cultural and Site: Planted: October 21, 2008. Harvested 5-28-09. Herbicides: 2pts/a Hoelon on 11-20-08, 0.6 oz/a Harmony Extra on 11-24-08, 0.33 oz/a Glean on 1-9-09. Fetilizer: 45-0-0 on 1-30-09 plus 45-0-0- on 2-20-09.

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

Hog Note: Severe wild hog damage near maturity (most heads eaten) in some plots of specific varieites. 2H indicates hogs ate 2 of 4 reps.

LSU AgCenter Research & Extension

Table 12. Wheat performance trial at St. Joseph, LA for 2009.

	Grain Yield			Test	Heading		Leaf	Bact
	2008	rnk	2-Yr	Wt	day	Lodging	Rust	eria
Brand / variety		bu/a		lbs/bu	of yr	0-9	%	0-9
USG 3295	**84.4**	**6**	**86.8**	**57.5**	**84**	**0.0**	**0**	**0.0**
PIONEER 26R87	**89.7**	**1**	**84.0**	**59.6**	**81**	**1.0**	**0**	**2.0**
USG 3555	**79.1**	**14**	**83.5**	**56.4**	**82**	**2.3**	**3**	**1.0**
DIXIE 427	**87.2**	**3**	**82.6**	**56.5**	**82**	**1.0**	**0**	**0.0**
AGS 2031	**80.7**	**13**	**82.3**	**57.0**	**82**	**2.8**	**1**	**1.0**
DIXIE 454	**82.5**	**9**	**82.1**	**57.2**	**90**	**1.5**	**0**	**1.0**
JAMESTOWN	**85.4**	**5**	**80.7**	**59.4**	**72**	**1.5**	**43**	**3.5**
DYNA-GRO BALDWIN	**73.2**	**25**	**80.5**	**56.1**	**82**	**1.5**	**0**	**2.0**
TAMsoft700	**80.7**	**12**	**79.5**	**56.9**	**80**	**3.0**	**0**	**1.5**
AGS 2060	**77.2**	**16**	**77.4**	**59.4**	**74**	**4.5**	**0**	**3.0**
AGS 2035	**73.3**	**24**	**76.7**	**57.8**	**74**	**3.0**	**0**	**2.5**
RAGAN&MASSEY LA95135	**69.2**	**32**	**74.1**	**57.2**	**81**	**2.3**	**0**	**0.0**
LA01138D-55	76.7	17	73.8	57.6	78	0.5	0	4.5
TERRAL LA841	**73.8**	**23**	**72.6**	**56.0**	**71**	**4.5**	**40**	**1.0**
PIONEER 26R61	**70.6**	**30**	**70.9**	**59.2**	**78**	**1.0**	**0**	**4.0**
TERRAL LA821	**74.5**	**22**	**70.6**	**56.4**	**72**	**4.5**	**0**	**2.0**
PROGENY 117	**69.2**	**33**	**70.1**	**56.5**	**81**	**2.0**	**55**	**0.0**
TERRAL LA482	**77.5**	**15**	**69.3**	**57.3**	**72**	**1.8**	**0**	**4.0**
PROGENY 185	**70.3**	**31**	**67.7**	**54.5**	**84**	**2.3**	**8**	**0.0**
COKER 9553	**65.5**	**46**	**66.9**	**58.7**	**80**	**3.8**	**10**	**2.0**
TERRAL TV8558	**65.7**	**45**	**66.8**	**55.1**	**84**	**0.5**	**58**	**0.0**
AGS 2020	**68.4**	**38**	**66.6**	**58.0**	**71**	**4.5**	**0**	**1.5**
TERRAL TV8170	63.4	53	66.4	55.3	84	1.5	25	2.0
CROPLAN 8302	**65.4**	**47**	**65.7**	**55.7**	**88**	**0.0**	**28**	**0.0**
AGS 2026	**59.7**	**60**	**64.6**	**58.0**	**79**	**6.8**	**3**	**0.0**
USG 3592	**59.8**	**59**	**63.9**	**55.7**	**82**	**2.8**	**0**	**0.0**
USG 3209	**63.9**	**51**	**63.1**	**56.3**	**77**	**3.3**	**15**	**3.0**
USG 3350	**62.9**	**55**	**62.1**	**56.9**	**83**	**2.0**	**20**	**1.5**
DELTA KING DK9108	**57.3**	**63**	**61.4**	**55.9**	**78**	**4.0**	**2**	**0.0**
DELTA GROW 1600	**69.1**	**35**	**60.6**	**56.9**	**90**	**0.8**	**8**	**1.0**
DELTA KING DK9577	**59.3**	**61**	**60.0**	**55.3**	**83**	**3.8**	**68**	**0.0**
PROGENY 166	**56.7**	**64**	**54.9**	**56.0**	**85**	**1.3**	**10**	**1.0**
COKER 9700	**36.6**	**68**	**53.6**	**57.7**	**71**	**5.0**	**23**	**0.0**
PIONEER XW07B	88.9	2		57.2	90	0.0	0	0.0
LA01139D-56-1	85.9	4		57.6	72	1.8	3	2.5
AR01120-56-7-C	83.7	7		57.1	80	3.3	0	4.5
VA04W-259	82.8	8		57.6	90	0.0	0	1.0
GA-991209-6E33	81.7	10		58.4	72	4.3	1	3.0
MAGNOLIA	**81.3**	**11**		**57.5**	**83**	**1.5**	**5**	**1.5**
AR01008-12-2-C	75.5	18		58.4	78	4.8	25	2.0
GA-991371-6E12	75.0	19		57.5	79	4.3	0	6.0
EXP SR39L47	74.8	20		56.7	71	1.5	50	3.0
GA-991336-6E9	74.6	21		56.8	78	7.0	0	5.0
VA04W-90	73.2	26		56.6	78	0.5	13	1.5
DIXIE 940	**71.5**	**27**		**55.9**	**85**	**0.0**	**3**	**0.0**
LA01110D-150	71.3	28		57.5	71	6.0	1	3.5
LA01158D-55-8	71.2	29		59.1	76	3.8	0	6.0
DELTA GROW 5200	**69.2**	**34**		**57.3**	**90**	**0.0**	**1**	**0.0**
X3546	69.1	36		58.0	82	0.3	0	1.0
ARMOR ARX6202	68.8	37		56.1	90	0.0	8	0.0

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Table 12. Wheat performance trial at St. Joseph, LA for 2009.

	Grain Yield			Test	Heading		Leaf	Bact
	2008	rnk	2-Yr	Wt	day	Lodging	Rust	eria
Brand / variety		bu/a		lbs/bu	of yr	0-9	%	0-9
AGS 2055	**67.8**	**39**		**54.7**	**84**	**1.5**	**8**	**0.0**
HBK 3266	**67.8**	**40**		**56.2**	**79**	**5.8**	**0**	**3.5**
LA01110D-181-6	67.7	41		56.9	73	3.5	0	2.0
LA01005D-2-2-C	66.6	42		55.6	70	6.5	70	6.0
PROGENY 130	**66.0**	**43**		**59.5**	**87**	**1.5**	**9**	**0.0**
PROGENY 136	**65.8**	**44**		**53.0**	**85**	**0.0**	**2**	**0.0**
HBK 3443	**65.3**	**48**		**55.7**	**80**	**3.0**	**80**	**0.0**
ARMOR 360Z	65.3	49		51.7	87	0.8	33	0.0
ARMOR GOLD	**63.9**	**50**		**55.0**	**82**	**3.0**	**45**	**0.0**
PROGENY 119	**63.4**	**52**		**57.3**	**84**	**0.0**	**13**	**0.0**
LA01110D-84-2	63.2	54		57.7	71	4.5	0	3.5
LA01140D-70	62.6	56		57.0	74	7.0	1	4.0
ARMOR ARX840	62.4	57		51.5	86	2.8	1	1.5
DYNA-GRO OGLETHORPE	**61.1**	**58**		**57.1**	**78**	**7.5**	**0**	**3.0**
LA01162D-136-8-B	58.6	62		53.9	79	3.0	20	1.0
DELTA KING DKX732	55.9	65		55.0	100	0.0	1	0.0
LA01110D-84-1	52.9	66		58.0	70	6.5	0	3.0
LA01143D-51-2-B	48.5	67		55.6	67	4.0	26	0.0
LA01110D-100-6-4	34.3	69		56.3	67	6.3	80	0.0
MEAN	**69.4**			**56.7**	**79.5**	**2.7**	**13**	**1.6**
CV%	**15**			**2**	**2**	**92**	**88**	**86**
LSD (0.10)	**12.3**			**1.5**	**3**	**2.9**	**19**	**2.3**

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

Cultural and Site: Planted Oct 27, 2008. Harvested May 20, 2009. Fertilizer: 90-0-0 topdres on Feb 12. Herbicide: 4.75 oz/acre Osprey + 2 pts/acre Prowl on Nov 20, 2008.

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

NS indicates non-significant differences among varieties

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Table 13. Wheat performance trial at Winnsboro, LA for 2009.

	Grain Yield			Test	Head	Plant		Leaf	Stem	Pheno
	2009	rnk	2-Yr	Wt	Day	Height	Lod ging	Rust	Rust	type
Brand / variety		bu/a		lbs/bu	of yr	in	0-9	%	inf	0-9
DYNA-GRO BALDWIN	**101.4**	1	**100.4**	**58.5**	**87**	**42**	**0.5**	**0**		**2.5**
AGS 2026	**97.2**	2	**96.4**	**57.3**	**82**	**37**	**1.0**	**0**		**3.0**
AGS 2020	**93.3**	3	**95.0**	**57.9**	**80**	**35**	**0.0**	**0**		**3.0**
AGS 2035	**90.4**	9	**92.8**	**59.6**	**81**	**39**	**0.0**	**0**		**2.5**
TERRAL LA821	**90.3**	10	**91.3**	**57.8**	**82**	**36**	**1.5**	**0**		**2.5**
DIXIE 427	**87.6**	15	**91.2**	**54.8**	**93**	**36**	**2.0**	**0**		**4.5**
AGS 2060	**86.3**	20	**90.2**	**58.9**	**81**	**37**	**1.5**	**0**		**2.5**
RAGAN&MASSEY LA95135	**90.0**	11	**89.2**	**57.4**	**87**	**39**	**0.0**	**0**		**3.0**
USG 3592	**88.8**	14	**88.6**	**56.5**	**89**	**37**	**0.0**	**0**	**M**	**4.0**
LA01138D-55	86.3	21	88.3	56.1	83	36	5.5	0		3.5
PIONEER 26R87	**87.3**	17	**87.5**	**61.2**	**85**	**37**	**0.5**	**0**		**2.5**
PROGENY 117	**89.2**	12	**87.1**	**56.8**	**85**	**38**	**0.0**	**2**	**L**	**4.0**
TERRAL LA482	**80.6**	35	**87.0**	**56.1**	**82**	**39**	**2.5**	**0**		**3.5**
JAMESTOWN	**80.5**	36	**86.1**	**58.5**	**79**	**35**	**0.0**	**0**		**3.0**
TAMsoft700	**83.2**	30	**85.8**	**56.9**	**83**	**35**	**1.0**	**0**		**3.0**
DELTA KING DK9108	**86.4**	19	**85.5**	**56.8**	**84**	**40**	**1.0**	**0**		**4.0**
USG 3295	**84.8**	24	**83.9**	**56.2**	**87**	**34**	**3.5**	**0**		**4.5**
COKER 9700	**77.1**	52	**83.8**	**58.8**	**81**	**35**	**0.5**	**0**		**3.0**
CROPLAN 8302	**85.2**	23	**82.9**	**54.8**	**95**	**38**	**0.0**	**3**		**4.0**
TERRAL LA841	**83.6**	29	**82.8**	**56.1**	**82**	**34**	**0.5**	**1**		**3.0**
DIXIE 454	**79.2**	43	**81.8**	**56.3**	**97**	**40**	**1.0**	**0**	**L**	**4.5**
USG 3555	**73.7**	61	**81.5**	**55.8**	**88**	**32**	**0.0**	**0**		**3.5**
AGS 2031	**84.8**	25	**80.2**	**57.5**	**85**	**32**	**0.0**	**0**		**4.0**
PIONEER 26R61	**76.9**	54	**79.1**	**58.3**	**84**	**36**	**0.0**	**0**		**4.0**
PROGENY 166	**77.5**	50	**78.8**	**55.1**	**97**	**40**	**0.0**	**1**		**5.0**
Coker 9553	**76.7**	58	**78.2**	**58.1**	**87**	**33**	**0.0**	**1**	**M**	**3.5**
PROGENY 185	**82.3**	34	**77.8**	**55.4**	**94**	**37**	**0.0**	**0**		**4.5**
USG 3350	**76.8**	56	**76.8**	**55.9**	**92**	**39**	**0.0**	**1**		**5.0**
DELTA KING DK9577	**73.8**	60	**74.6**	**52.8**	**90**	**37**	**0.0**	**2**	**M**	**5.0**
TERRAL TV8558	**71.6**	64	**72.1**	**53.0**	**92**	**37**	**0.5**	**1**	**ML**	**4.5**
TERRAL TV8170	**79.9**	42	**71.9**	**54.7**	**93**	**41**	**0.5**	**1**		**5.5**
USG 3209	**70.0**	67	**71.8**	**54.9**	**84**	**33**	**1.0**	**6**	**L**	**4.5**
DELTA GROW 1600	**71.4**	65	**67.2**	**54.6**	**98**	**38**	**0.0**	**3**		**5.5**
DYNA-GRO OGLETHORPE	**93.3**	4		**58.5**	**82**	**35**	**1.0**	**0**		**2.5**
GA-991336-6E9	93.3	5		58.4	82	36	0.0	0		2.5
MAGNOLIA	**92.3**	6		**59.0**	**86**	**38**	**0.0**	**0**		**3.5**
GA-991371-6E12	92.0	7		58.1	85	38	0.0	0		3.0
GA-991209-6E33	91.5	8		59.9	81	38	0.5	0		3.0
VA04W-90	88.8	13		58.4	86	35	0.0	0	MH	3.0
HBK 3443	**87.5**	16		**56.8**	**85**	**36**	**1.0**	**0**	**ML**	**3.5**
AR01008-12-2-C	86.5	18		59.6	83	34	1.5	0		3.5
HBK 3266	**85.3**	22		**57.0**	**84**	**37**	**0.0**	**0**		**4.0**
EXP SR39L47	84.7	26		56.4	83	33	0.5	2		4.0
LA01139D-56-1	84.7	27		58.4	80	34	0.0	0		3.0
ARMOR GOLD	**84.5**	28		**57.1**	**87**	**39**	**1.0**	**2**	**M**	**3.5**
AR01120-56-7-C	83.2	31		58.2	84	31	0.0	0		3.5
PROGENY 130	**82.3**	32		**57.7**	**94**	**39**	**0.0**	**1**		**5.5**
LA01140D-70	82.3	33		58.4	81	39	1.5	0		3.0
VA04W-259	80.4	37		53.8	98	34	0.0	0		4.5
LA01110D-150	80.3	38		58.8	81	35	0.0	0	L	3.0

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Table 13. Wheat performance trial at Winnsboro, LA for 2009.

Brand / variety	Grain Yield 2009	rnk	2-Yr	Test Wt	Head Day	Plant Height	Lod ging	Leaf Rust	Stem Rust	Pheno type
	bu/a			lbs/bu	of yr	in	0-9	%	inf	0-9
LA01110D-84-1	80.3	39		58.4	80	37	0.5	0		3.0
PIONEER XW07B	80.3	40		56.7	98	37	0.0	0	L	5.0
AGS 2055	**80.0**	**41**		**52.7**	**94**	**40**	**0.5**	**1**	**L**	**5.0**
X3546	79.2	44		57.5	88	38	0.0	0		3.5
LA01005D-2-2-C	78.3	45		56.6	81	36	1.0	1	L	3.5
ARMOR ARX6202	78.3	46		54.1	98	36	0.0	0	ML	5.5
PROGENY 119	**78.2**	**47**		**55.9**	**94**	**38**	**2.0**	**1**		**4.0**
LA01110D-84-2	77.9	48		58.7	79	37	0.5	0		3.0
DIXIE 940	**77.7**	**49**		**55.5**	**89**	**39**	**0.0**	**0**	**L**	**5.0**
LA01110D-181-6	77.5	51		57.8	82	35	0.0	0		3.5
LA01162D-136-8-B	77.0	53		56.1	84	37	1.0	1		4.0
LA01158D-55-8	76.9	55		59.1	81	32	3.0	0		4.0
ARMOR ARX840	76.7	57		52.8	96	40	3.0	1	ML	5.0
ARMOR 360Z	**75.2**	**59**		**50.9**	**95**	**38**	**0.0**	**0**	**M**	**4.0**
LA01110D-100-6-4	72.5	62		58.1	78	34	2.0	4		4.5
DELTA GROW 5200	**72.3**	**63**		**56.3**	**97**	**40**	**0.0**	**2**		**5.0**
PROGENY 136	**70.3**	**66**		**50.8**	**97**	**38**	**0.0**	**1**	**M**	**4.5**
LA01143D-51-2-B	68.6	68		56.5	78	32	2.5	0		4.0
DELTA KING DKX732	55.4	69		54.3	99	38	0.0	1		5.5
MEAN	**81.9**		**83.8**	**56.7**	**87**	**36**	**0.7**	**1**		**3.8**
CV%	**7**		**8**	**3**	**2**	**4**	**167**	**148**		**15**
LSD (0.10)	**6.3**		**8.2**	**1.8**	**3**	**3**	**1.9**	**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. Planted Oct 31, 2008. Harvested May 22 & 25, 2009. 2 oz/acre Sencor herbicide. 90-0-0 topdress fertilizer.

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

Stem Rust: late season infection: L = light; M=moderate; H=heavy; blank = none observed.

Table 14B. Wheat performance trial across Louisiana for 2009.

Brand / variety	State wide Mean Yield	North Louisiana Grain Yield Mean	rnk	Alex	St. Jo	Win	South Louisiana Grain Yield Mean	rnk	BR	Crow	Jean	Statewide Means 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	rnk	bu/a	bu/a	bu/a	lbs/bu	of yr	in	0-9	%	0-9	0-9
DYNA-GRO BALDWIN	**83.2**	**80.3**	**6**	**66.3**	**73.2**	**101.4**	**86.1**	**1**	**79.1**	**80.8**	**98.4**	**57.9**	**83**	**39**	**0.8**	**0**	**1.8**	**3.2**
AGRIPRO COKER MAGNOLIA	**81.6**	**82.1**	**2**	**72.7**	**81.3**	**92.3**	**81.1**	**4**	**80.8**	**76.1**	**86.3**	**58.2**	**80**	**35**	**1.2**	**4**	**1.5**	**3.7**
AGS 2035	**79.3**	**78.4**	**13**	**71.4**	**73.3**	**90.4**	**80.4**	**5**	**73.1**	**73.9**	**92.6**	**58.6**	**76**	**37**	**1.9**	**0**	**1.3**	**3.7**
TERRAL LA821	**78.5**	**79.1**	**7**	**72.5**	**74.5**	**90.3**	**77.8**	**7**	**75.1**	**69.3**	**86.9**	**57.6**	**77**	**35**	**1.9**	**0**	**2.0**	**3.1**
X3546	77.5	72.8	36	69.9	69.1	79.2	82.3	2	65.9	94.5	86.6	58.1	81	33	0.6	1	0.5	3.8
LA01110D-150	77.5	73.2	32	68.0	71.3	80.3	81.7	3	77.6	72.5	95.2	58.1	80	37	2.6	1	2.3	3.6
LA01139D-56-1	77.2	79.1	8	66.7	85.9	84.7	75.2	10	76.4	69.4	80.2	57.9	77	33	1.6	2	2.8	3.9
DIXIE 427	**77.2**	**84.0**	**1**	**77.1**	**87.2**	**87.6**	**70.3**	**26**	**72.8**	**66.2**	**72.1**	**55.3**	**92**	**36**	**0.9**	**2**	**0.0**	**5.8**
GA-991336-6E9	76.5	77.9	14	65.7	74.6	93.3	75.0	11	69.1	79.4	77.6	57.8	75	35	3.2	0	3.3	3.6
AR01120-56-7-C	76.4	78.6	11	68.7	83.7	83.2	74.2	12	73.9	67.5	81.2	58.1	83	32	1.7	1	3.5	3.9
RAGAN&MASSEY LA9513	**76.3**	**78.9**	**10**	**77.5**	**69.2**	**90.0**	**73.7**	**14**	**72.4**	**65.1**	**83.6**	**56.9**	**87**	**38**	**0.9**	**0**	**0.0**	**3.9**
JAMESTOWN	**76.1**	**75.9**	**23**	**61.7**	**85.4**	**80.5**	**76.4**	**8**	**74.0**	**71.2**	**83.9**	**59.0**	**78**	**33**	**1.0**	**9**	**3.3**	**3.5**
AGS 2026	**74.9**	**77.1**	**17**	**74.6**	**59.7**	**97.2**	**72.7**	**20**	**71.9**	**57.2**	**88.9**	**57.3**	**86**	**34**	**2.4**	**1**	**0.0**	**4.5**
LA01110D-181-6	74.5	72.6	37	72.6	67.7	77.5	76.4	9	77.1	67.9	84.1	57.6	80	35	1.9	1	2.3	4.0
PIONEER 26R61	**74.4**	**70.1**	**47**	**62.8**	**70.6**	**76.9**	**79.1**	**6**	**73.5**	**73.6**	**88.8**	**58.8**	**81**	**37**	**0.7**	**2**	**2.8**	**3.7**
PIONEER 26R87	**74.0**	**81.8**	**3**	**68.4**	**89.7**	**87.3**	**65.5**	**35**	**64.0**	**53.3**	**76.2**	**59.1**	**89**	**35**	**0.6**	**0**	**1.0**	**4.3**
GA-991371-6E12	73.9	76.8	19	63.3	75.0	92.0	70.8	23	61.9	77.7	74.6	57.7	75	36	2.3	0	4.8	3.8
TERRAL LA841	**73.8**	**74.9**	**28**	**67.4**	**73.8**	**83.6**	**72.7**	**19**	**74.4**	**73.4**	**70.3**	**56.6**	**81**	**34**	**2.2**	**11**	**0.5**	**4.0**
DYNA-GRO OGLETHORPE	**73.5**	**73.8**	**30**	**67.2**	**61.1**	**93.3**	**73.1**	**18**	**75.5**	**56.7**	**87.1**	**57.5**	**86**	**34**	**2.5**	**0**	**1.5**	**4.4**
AGS 2020	**73.3**	**76.0**	**22**	**66.4**	**68.4**	**93.3**	**70.6**	**24**	**57.2**	**71.1**	**83.5**	**58.1**	**75**	**35**	**2.7**	**0**	**1.8**	**3.6**
HBK 3266	**73.0**	**72.5**	**39**	**64.5**	**67.8**	**85.3**	**73.5**	**17**	**70.1**	**69.2**	**81.3**	**56.7**	**87**	**37**	**2.1**	**0**	**2.5**	**4.6**
GA-991209-6E33	72.9	81.0	4	69.9	81.7	91.5	64.8	37	60.5	61.5	72.4	58.5	75	36	2.2	1	1.5	4.1
LA01005D-2-2-C	72.6	71.3	42	69.0	66.6	78.3	73.9	13	73.2	60.0	88.5	56.7	79	34	2.9	29	4.5	3.8
LA01138D-55	72.5	75.9	24	64.5	76.7	86.3	69.1	27	58.8	72.6	76.1	57.3	78	35	2.2	0	4.0	4.5
TAMSOFT 700	**72.5**	**76.5**	**21**	**65.7**	**80.7**	**83.2**	**68.4**	**29**	**66.3**	**67.2**	**71.9**	**56.1**	**85**	**33**	**1.5**	**0**	**1.5**	**4.7**
AGS 2060	**72.2**	**75.7**	**25**	**63.7**	**77.2**	**86.3**	**68.6**	**28**	**65.2**	**59.9**	**80.8**	**58.9**	**74**	**36**	**3.1**	**0**	**2.3**	**3.6**
PROGENY 117	**71.1**	**77.5**	**15**	**74.2**	**69.2**	**89.2**	**64.8**	**38**	**71.4**	**58.1**	**64.9**	**56.9**	**82**	**36**	**2.1**	**27**	**0.0**	**5.2**
LA01140D-70	71.1	68.6	53	60.8	62.6	82.3	73.6	16	71.0	71.9	78.0	57.7	79	38	2.8	1	3.5	3.4
AGS 2031	**70.6**	**76.7**	**20**	**64.7**	**80.7**	**84.8**	**64.5**	**39**	**56.4**	**65.5**	**71.7**	**56.3**	**92**	**33**	**0.9**	**0**	**1.0**	**5.5**
VA04W-90	70.5	77.0	18	69.0	73.2	88.8	62.8	40	71.1	64.8	55.1	56.4	84	34	0.4	4	1.8	4.3
HBK 3443	**70.4**	**75.4**	**27**	**73.3**	**65.3**	**87.5**	**65.5**	**36**	**67.6**	**65.1**	**63.9**	**55.6**	**82**	**34**	**2.0**	**26**	**1.0**	**4.5**
LA01110D-84-2	70.1	68.4	54	64.3	63.2	77.9	71.7	22	70.6	64.7	79.9	58.0	79	36	2.4	3	3.3	3.6
AR01008-12-2-C	69.8	72.9	34	56.9	75.5	86.5	66.6	32	63.4	67.0	69.5	58.6	77	35	3.3	6	2.0	3.9
USG 3295	**69.7**	**80.8**	**5**	**73.0**	**84.4**	**84.8**	**58.6**	**42**	**56.9**	**61.9**	**57.1**	**55.1**	**94**	**33**	**0.7**	**1**	**0.8**	**5.8**
TERRAL LA482	**69.6**	**72.9**	**35**	**60.7**	**77.5**	**80.6**	**66.2**	**33**	**65.5**	**69.6**	**63.6**	**56.5**	**73**	**37**	**2.4**	**1**	**2.8**	**4.5**

Table 14B. Wheat performance trial across Louisiana for 2009.

Brand / variety	State wide Mean Yield	North Louisiana Grain Yield Mean	rnk	Alex	St. Jo	Win	South Louisiana Grain Yield Mean	rnk	BR	Crow	Jean	Statewide Means 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	rnk	bu/a	bu/a	bu/a	lbs/bu	of yr	in	0-9	%	0-9	0-9
DELTA KING GR9108	**68.4**	**71.0**	**44**	**69.3**	**57.3**	**86.4**	**65.9**	**34**	**61.9**	**70.9**	**64.8**	**56.6**	**79**	**37**	**2.3**	**3**	**0.0**	**4.2**
LA01110D-84-1	68.4	64.4	59	60.1	52.9	80.3	72.3	21	73.3	69.9	73.9	58.1	78	37	3.0	2	2.5	3.7
LA01158D-55-8	67.8	68.8	52	58.2	71.2	76.9	66.8	31	62.0	70.0	69.1	58.7	74	32	3.1	2	3.8	4.9
LA01162D-136-8-B	67.6	67.6	56	67.3	58.6	77.0	67.6	30	64.3	68.6	69.9	56.1	80	33	2.1	11	0.5	4.5
VA04W-259	65.6	77.4	16	68.8	82.8	80.4	53.9	43	54.9	58.0	48.9	52.8	97	33	0.3	0	0.5	5.9
AGRIPRO COKER 9700	**65.2**	**56.8**	**61**	**56.8**	**36.6**	**77.1**	**73.6**	**15**	**74.9**	**61.8**	**84.1**	**58.4**	**77**	**33**	**1.8**	**6**	**0.0**	**3.5**
USG 3555	**64.2**	**75.5**	**26**	**73.7**	**79.1**	**73.7**	**52.8**	**45**	**56.3**	**57.8**	**44.4**	**54.9**	**94**	**32**	**0.8**	**5**	**0.5**	**5.5**
LA01110D-100-6-4	63.2	55.9	63	61.0	34.3	72.5	70.5	25	72.3	60.9	78.5	57.7	74	35	3.9	21	0.5	4.7
EXP SR39L47	63.2	78.9	9	77.2	74.8	84.7	47.5	49	54.3	42.4	45.7	55.6	87	32	1.1	15	2.0	5.4
DIXIE 940	**62.4**	**73.7**	**31**	**71.9**	**71.5**	**77.7**	**51.2**	**46**	**48.2**	**53.3**	**52.1**	**55.3**	**93**	**39**	**0.3**	**5**	**0.0**	**6.0**
PIONEER XW07B	62.3	78.4	12	65.9	88.9	80.3	44.8	52	47.8	58.5	28.9	53.1	99	36	0.3	0	0.0	5.8
USG 3592	**61.7**	**74.8**	**29**	**75.8**	**59.8**	**88.8**	**46.0**	**51**	**41.2**	**63.7**	**27.3**	**55.9**	**91**	**37**	**1.0**	**0**	**0.8**	**5.1**
ARMOR ARX6202	60.7	72.6	38	70.7	68.8	78.3	48.9	48	47.6	49.6	49.3	54.2	95	35	0.3	5	0.0	5.3
USG 3209	**60.6**	**66.8**	**58**	**66.6**	**63.9**	**70.0**	**53.7**	**44**	**69.7**	**38.9**	**48.9**	**55.9**	**84**	**32**	**1.3**	**15**	**2.0**	**5.4**
AGRIPRO COKER 9553	**60.4**	**69.3**	**50**	**64.6**	**65.5**	**76.7**	**50.7**	**47**	**64.4**	**46.3**	**43.6**	**57.6**	**88**	**36**	**1.4**	**7**	**1.0**	**4.8**
LA01143D-51-2-B	59.2	59.1	60	60.1	48.5	68.6	59.3	41	57.2	61.2	59.5	56.8	77	33	3.3	6	0.0	5.2
ARMOR GOLD	**59.0**	**70.3**	**45**	**62.5**	**63.9**	**84.5**	**43.9**	**53**	**45.2**	**46.7**	**36.3**	**56.2**	**90**	**36**	**1.6**	**20**	**0.5**	**5.6**
PROGENY 119	**57.7**	**68.0**	**55**	**62.5**	**63.4**	**78.2**	**47.4**	**50**	**51.8**	**40.3**	**50.1**	**55.6**	**86**	**36**	**0.6**	**10**	**0.0**	**5.7**
PROGENY 130	**57.7**	**72.1**	**40**	**67.9**	**66.0**	**82.3**	**43.3**	**54**	**49.2**	**45.0**	**35.8**	**53.4**	**98**	**37**	**0.6**	**7**	**0.0**	**7.0**
TERRAL TV8558	**56.8**	**69.5**	**49**	**71.3**	**65.7**	**71.6**	**41.4**	**55**	**41.9**	**48.2**	**34.1**	**53.7**	**92**	**36**	**0.5**	**26**	**0.5**	**5.8**
DELTA GROW 5200	**56.0**	**71.0**	**43**	**71.6**	**69.2**	**72.3**	**41.0**	**56**	**48.4**	**37.3**	**37.2**	**53.7**	**98**	**37**	**0.3**	**6**	**0.0**	**6.7**
DELTA KING 9577	**55.3**	**69.8**	**48**	**76.4**	**59.3**	**73.8**	**39.4**	**57**	**40.6**	**49.6**	**28.4**	**52.8**	**90**	**35**	**1.3**	**23**	**0.0**	**5.6**
ARMOR 360Z	54.7	71.7	41	74.7	65.3	75.2	32.0	60	27.2	37.7	28.5	51.5	99	35	0.4	15	0.0	6.0
PROGENY 136	**54.1**	**69.2**	**51**	**71.6**	**65.8**	**70.3**	**28.3**	**62**	**12.7**	**49.0**		**51.8**	**101**	**35**	**0.3**	**6**	**0.0**	**6.2**
AGS 2055	**53.6**	**73.2**	**33**	**71.7**	**67.8**	**80.0**	**34.1**	**59**	**37.2**	**41.3**	**23.9**	**51.6**	**96**	**37**	**0.7**	**5**	**0.0**	**5.9**
USG 3350	**53.5**	**70.2**	**46**	**71.0**	**62.9**	**76.8**	**36.7**	**58**	**44.2**	**34.0**	**32.0**	**53.7**	**97**	**38**	**0.9**	**10**	**0.8**	**6.7**
ARMOR ARX840	51.9	67.5	57	63.3	62.4	76.7	25.3	63	17.4	36.0		51.5	100	35	1.3	4	0.8	6.5
DELTA KING DKX732	51.3	56.2	62	57.2	55.9	55.4	31.8	61		31.8		52.6	107	34	0.3	3	0.0	6.9
Mean	**68.2**	**73.0**		**67.8**	**69.4**	**81.9**	**63.9**		**61.5**	**60.9**	**66.8**	**56.4**	**85.0**	**35**	**1.6**	**6**	**1.4**	**4.7**
CV	**12**	**10**		**8**	**15**	**7**	**13**		**10**	**14**	**14**	**3**	**2**	**5**	**93**	**109**	**97**	**13**
LSD	**10.2**	**9.5**		**6.6**	**12.3**	**6.3**	**11.5**		**7.6**	**10.3**	**11.6**	**2.2**	**4**	**2**	**1.3**	**11**	**2**	**0.8**

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Table 14. Wheat performance trial across Louisiana for 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Bacteria 0-9	Phenotype 0-9
DYNA-GRO BALDWIN	**83.2**	**57.9**	**83**	**39**	**0.8**	**0**	**1.8**	**3.2**
AGRIPRO COKER MAGNOLIA	**81.6**	**58.2**	**80**	**35**	**1.2**	**4**	**1.5**	**3.7**
AGS 2035	**79.3**	**58.6**	**76**	**37**	**1.9**	**0**	**1.3**	**3.7**
TERRAL LA821	**78.5**	**57.6**	**77**	**35**	**1.9**	**0**	**2.0**	**3.1**
X3546	77.5	58.1	81	33	0.6	1	0.5	3.8
LA01110D-150	77.5	58.1	80	37	2.6	1	2.3	3.6
LA01139D-56-1	77.2	57.9	77	33	1.6	2	2.8	3.9
DIXIE 427	**77.2**	**55.3**	**92**	**36**	**0.9**	**2**	**0.0**	**5.8**
GA-991336-6E9	76.5	57.8	75	35	3.2	0	3.3	3.6
AR01120-56-7-C	76.4	58.1	83	32	1.7	1	3.5	3.9
RAGAN&MASSEY LA95135	**76.3**	**56.9**	**87**	**38**	**0.9**	**0**	**0.0**	**3.9**
JAMESTOWN	**76.1**	**59.0**	**78**	**33**	**1.0**	**9**	**3.3**	**3.5**
AGS 2026	**74.9**	**57.3**	**86**	**34**	**2.4**	**1**	**0.0**	**4.5**
LA01110D-181-6	74.5	57.6	80	35	1.9	1	2.3	4.0
PIONEER 26R61	**74.4**	**58.8**	**81**	**37**	**0.7**	**2**	**2.8**	**3.7**
PIONEER 26R87	**74.0**	**59.1**	**89**	**35**	**0.6**	**0**	**1.0**	**4.3**
GA-991371-6E12	73.9	57.7	75	36	2.3	0	4.8	3.8
TERRAL LA841	**73.8**	**56.6**	**81**	**34**	**2.2**	**11**	**0.5**	**4.0**
DYNA-GRO OGLETHORPE	**73.5**	**57.5**	**86**	**34**	**2.5**	**0**	**1.5**	**4.4**
AGS 2020	**73.3**	**58.1**	**75**	**35**	**2.7**	**0**	**1.8**	**3.6**
HBK 3266	**73.0**	**56.7**	**87**	**37**	**2.1**	**0**	**2.5**	**4.6**
GA-991209-6E33	72.9	58.5	75	36	2.2	1	1.5	4.1
LA01005D-2-2-C	72.6	56.7	79	34	2.9	29	4.5	3.8
LA01138D-55	72.5	57.3	78	35	2.2	0	4.0	4.5
TAMSOFT 700	**72.5**	**56.1**	**85**	**33**	**1.5**	**0**	**1.5**	**4.7**
AGS 2060	**72.2**	**58.9**	**74**	**36**	**3.1**	**0**	**2.3**	**3.6**
PROGENY 117	**71.1**	**56.9**	**82**	**36**	**2.1**	**27**	**0.0**	**5.2**
LA01140D-70	71.1	57.7	79	38	2.8	1	3.5	3.4
AGS 2031	**70.6**	**56.3**	**92**	**33**	**0.9**	**0**	**1.0**	**5.5**
VA04W-90	70.5	56.4	84	34	0.4	4	1.8	4.3
HBK 3443	**70.4**	**55.6**	**82**	**34**	**2.0**	**26**	**1.0**	**4.5**
LA01110D-84-2	70.1	58.0	79	36	2.4	3	3.3	3.6
AR01008-12-2-C	69.8	58.6	77	35	3.3	6	2.0	3.9
USG 3295	**69.7**	**55.1**	**94**	**33**	**0.7**	**1**	**0.8**	**5.8**
TERRAL LA482	**69.6**	**56.5**	**73**	**37**	**2.4**	**1**	**2.8**	**4.5**
DELTA KING GR9108	**68.4**	**56.6**	**79**	**37**	**2.3**	**3**	**0.0**	**4.2**
LA01110D-84-1	68.4	58.1	78	37	3.0	2	2.5	3.7
LA01158D-55-8	67.8	58.7	74	32	3.1	2	3.8	4.9
LA01162D-136-8-B	67.6	56.1	80	33	2.1	11	0.5	4.5
VA04W-259	65.6	52.8	97	33	0.3	0	0.5	5.9
AGRIPRO COKER 9700	**65.2**	**58.4**	**77**	**33**	**1.8**	**6**	**0.0**	**3.5**
USG 3555	**64.2**	**54.9**	**94**	**32**	**0.8**	**5**	**0.5**	**5.5**
LA01110D-100-6-4	63.2	57.7	74	35	3.9	21	0.5	4.7
EXP SR39L47	63.2	55.6	87	32	1.1	15	2.0	5.4
DIXIE 940	**62.4**	**55.3**	**93**	**39**	**0.3**	**5**	**0.0**	**6.0**
PIONEER XW07B	62.3	53.1	99	36	0.3	0	0.0	5.8
USG 3592	**61.7**	**55.9**	**91**	**37**	**1.0**	**0**	**0.8**	**5.1**
ARMOR ARX6202	60.7	54.2	95	35	0.3	5	0.0	5.3
USG 3209	**60.6**	**55.9**	**84**	**32**	**1.3**	**15**	**2.0**	**5.4**
AGRIPRO COKER 9553	**60.4**	**57.6**	**88**	**36**	**1.4**	**7**	**1.0**	**4.8**

Table 14. Wheat performance trial across Louisiana for 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Bacteria 0-9	Phenotype 0-9
LA01143D-51-2-B	59.2	56.8	77	33	3.3	6	0.0	5.2
ARMOR GOLD	**59.0**	**56.2**	**90**	**36**	**1.6**	**20**	**0.5**	**5.6**
PROGENY 119	**57.7**	**55.6**	**86**	**36**	**0.6**	**10**	**0.0**	**5.7**
PROGENY 130	**57.7**	**53.4**	**98**	**37**	**0.6**	**7**	**0.0**	**7.0**
TERRAL TV8558	**56.8**	**53.7**	**92**	**36**	**0.5**	**26**	**0.5**	**5.8**
DELTA GROW 5200	**56.0**	**53.7**	**98**	**37**	**0.3**	**6**	**0.0**	**6.7**
DELTA KING 9577	**55.3**	**52.8**	**90**	**35**	**1.3**	**23**	**0.0**	**5.6**
ARMOR 360Z	54.7	51.5	99	35	0.4	15	0.0	6.0
PROGENY 136	**54.1**	**51.8**	**101**	**35**	**0.3**	**6**	**0.0**	**6.2**
AGS 2055	**53.6**	**51.6**	**96**	**37**	**0.7**	**5**	**0.0**	**5.9**
USG 3350	**53.5**	**53.7**	**97**	**38**	**0.9**	**10**	**0.8**	**6.7**
ARMOR ARX840	**51.9**	**51.5**	**100**	**35**	**1.3**	**4**	**0.8**	**6.5**
DELTA KING DKX732	**51.3**	**52.6**	**107**	**34**	**0.3**	**3**	**0.0**	**6.9**
Mean	**68.2**	**56.4**	**85**	**35**	**1.6**	**6**	**1.4**	**4.7**
CV%	**12**	**3**	**2**	**5**	**93**	**109**	**97**	**13**
LSD (0.10)	**10.2**	**2.2**	**4**	**2**	**1.3**	**11**	**1.6**	**0.8**

Data from Dean Lee (Alexandria), Ben Hur (Baton Rouge), Rice (Crowley)Iberia (Jeanerette), Northeast (St. Joseph), and Macon Ridge (Winnsboro) Research Stations.

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

Table 15. Wheat performance trial across Louisiana for two years, 2008 and 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Bacteria 0-9	Pheno type 0-9
DYNA-GRO BALDWIN	**77.9**	**57.9**	**90**	**39**	**0.6**	**0**	**0.9**	**3.5**
AGS 2035	**75.4**	**58.5**	**83**	**38**	**1.2**	**0**	**0.5**	**3.8**
AGS 2060	**74.4**	**59.0**	**80**	**38**	**1.8**	**0**	**0.9**	**3.7**
AGRIPRO COKER MAGNOLIA	**73.0**	**57.2**	**85**	**36**	**0.9**	**14**	**0.6**	**4.2**
DIXIE 427	**72.7**	**55.9**	**95**	**36**	**1.6**	**2**	**0.0**	**5.7**
TERRAL LA821	**72.4**	**57.3**	**82**	**37**	**1.6**	**0**	**1.0**	**3.4**
RAGAN&MASSEY LA95135	**72.1**	**57.1**	**91**	**38**	**1.1**	**0**	**0.2**	**4.1**
JAMESTOWN	**71.5**	**58.8**	**84**	**33**	**0.9**	**11**	**1.5**	**4.0**
AGS 2026	**69.9**	**56.9**	**90**	**34**	**2.8**	**4**	**0.0**	**4.6**
LA01138D-55	69.9	57.1	84	36	1.5	3	2.4	4.6
TERRAL LA841	**69.4**	**56.4**	**85**	**35**	**1.5**	**5**	**0.2**	**3.7**
AGS 2020	**69.2**	**57.4**	**82**	**36**	**2.3**	**0**	**0.7**	**3.8**
PIONEER 26R87	**69.1**	**59.1**	**93**	**35**	**0.6**	**10**	**0.4**	**4.8**
DELTA KING GR9108	**68.9**	**56.5**	**85**	**38**	**1.5**	**6**	**0.0**	**4.3**
USG 3295	**68.2**	**56.6**	**96**	**34**	**0.7**	**0**	**0.3**	**5.9**
PIONEER 26R61	**68.2**	**58.6**	**87**	**37**	**0.6**	**3**	**1.1**	**3.8**
TAMSOFT 700	**67.8**	**56.1**	**90**	**34**	**1.8**	**0**	**0.7**	**4.8**
AGS 2031	**67.0**	**57.3**	**94**	**34**	**0.9**	**0**	**0.4**	**5.7**
AGRIPRO COKER 9700	**66.8**	**58.0**	**83**	**33**	**1.2**	**6**	**0.0**	**3.8**
USG 3555	**65.1**	**55.2**	**95**	**32**	**0.6**	**5**	**0.2**	**5.5**
USG 3592	**65.1**	**56.8**	**95**	**37**	**2.0**	**0**	**0.3**	**5.2**
PROGENY 117	**64.9**	**56.7**	**86**	**37**	**2.3**	**35**	**0.0**	**5.6**
TERRAL LA482	**64.6**	**56.4**	**78**	**37**	**1.5**	**18**	**1.3**	**4.9**
USG 3209	**57.0**	**55.4**	**90**	**32**	**1.4**	**26**	**0.8**	**5.6**
AGRIPRO COKER 9553	**56.4**	**57.5**	**92**	**35**	**1.4**	**16**	**0.4**	**5.2**
TERRAL TV8558	**54.5**	**54.3**	**94**	**35**	**1.0**	**28**	**0.2**	**5.8**
DELTA KING 9577	**52.9**	**53.8**	**93**	**35**	**1.6**	**31**	**0.0**	**5.8**
USG 3350	**51.4**	**55.4**	**96**	**38**	**1.1**	**14**	**0.3**	**6.6**
Mean	**67.0**	**56.9**	**89**	**36**	**1.4**	**8**	**0.5**	**4.7**
CV%	**11**	**3**	**2**	**5**	**97**	**106**	**168**	**13**
LSD (0.10)	**5.8**	**1.0**	**2**	**1**	**0.9**	**7**	**0.8**	**0.6**

Data from 2008 and 2009 at Dean Lee (Alexandria), Ben Hur (Baton Rouge), Rice (Crowley)Iberia (Jeanerette), Northeast (St. Joseph), Macon Ridge (Winnsboro) , and from 2008 at the Red River Research Station (Bossier City) Research Stations.

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

Table 16. Wheat performance trial across Louisiana for three years, 2007, 2008, and 2009.

Brand / variety	Grain Yield	Test Wt	Head Day	Plant Height	Lodging	Leaf Rust	Stem Rust	Sep toria		Pheno type
	bu/a	lbs/bu	of yr	in	0-9	%	0-9	0-9		0-9
AGS 2060	76.4	59.2	81	39	1.4	0	0.0	2.0	2.0	3.7
MAGNOLIA	75.8	57.4	85	37	0.7	9	0.0	2.8	1.5	3.9
TERRAL LA821	75.0	57.5	82	37	1.4	0	0.1	2.2	0.7	3.3
AGS 2026	73.4	57.3	90	34	2.1	3	0.0	1.2	0.0	4.1
RAGAN&MASSEY LA95135	73.4	57.2	91	39	1.0	0	0.7	1.4	0.3	4.0
TERRAL LA841	72.9	56.6	85	35	1.2	4	0.1	2.2	0.1	3.7
JAMESTOWN	72.9	58.9	84	33	0.7	7	0.0	1.4	2.6	3.7
PIONEER 26R87	72.3	59.3	92	35	0.5	7	0.0	1.2	0.3	4.5
AGS 2020	71.8	57.8	82	37	2.1	0	0.3	2.6	0.9	3.7
DELTA KING GR9108	70.8	56.8	85	39	1.1	4	2.2	1.8	0.0	4.3
PIONEER 26R61	69.7	58.7	86	38	0.4	2	0.7	1.8	1.4	3.7
USG 3295	69.7	56.9	95	34	0.5	0	0.0	1.0	0.2	5.4
AGRIPRO COKER 9700	69.5	58.2	83	34	1.1	4	2.5	1.8	0.0	3.8
AGS 2031	69.1	57.7	94	34	0.7	0	0.0	1.0	0.3	5.3
TERRAL LA482	68.7	56.7	79	38	1.2	12	0.3	2.4	2.9	4.5
USG 3555	68.3	55.5	94	32	0.4	3	0.0	1.2	0.1	4.9
USG 3592	67.6	57.1	94	38	1.7	0	3.3	1.4	0.2	4.9
USG 3209	64.1	56.1	89	33	1.1	18	0.0	1.2	1.6	5.0
AGRIPRO COKER 9553	61.9	57.9	92	36	1.1	11	3.7	1.4	0.4	4.5
TERRAL TV8558	60.3	55.2	94	36	0.8	20	3.3	1.8	0.1	5.4
DELTA KING 9577	58.2	54.8	93	36	1.2	22	5.4	1.8	0.0	5.6
MEAN	69.6	57.3	88	36	1.1	6	1.1	1.7	0.7	4.4
CV%	11	3	2	5	108	130	90	39	124	14
LSD (0.10)	5.0	0.8	2	1	0.6	6	1.4	0.8	1.1	0.5

Data from 2007, 2008 and 2009 at Alexandria, Baton Rouge, Crowley, St. Joseph, and Winnsboro, AND 2008 Bossier City.

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

Table 17. USDA Unifrom Southern Soft Red Winter Wheat Nursery at Baton Rouge, 2009.

Cooperator:	HARRISON, ARCENEAUX, SCHEXNAYDER, MCCARTHY					Location:	**BATON ROUGE**							
No. of Reps:	2	Harvest Plot Area (sq.ft.):		70		Yield LSD (.05)	**11.1**			Yield CV%:				
Fertilizer:	16-48-48 +90-0-0		Seed Date:	11/15/2008					Harvest Date:	5/21/2009				
Date/Feekes Growth Stage When Scored				10.1	11	11								
ENTRY NO.	**CULTIVAR/ DESIGNATION**	**YIELD bu/A**	**Yield rank**	**TEST WT. lbs/bu**	**HEADING DATE Julian**	**HEIGHT in.**	**LODGING 0-9**	**WINTER KILL 0-9**	**POWDERY MILDEW**	**LEAF RUST 0-9**	**STEM RUST 0-9**	**FHB SCAB**	**BLACK POINT 0-9**	**PHENO TYPE 0-9**
1	AGS 2000	79.1	19	59.1	78.0	42.0	5.3			0.3	0		2.5	5.3
2	Pioneer Brand 26R61	82.5	10	59.3	81.5	42.5	0.0			0.3	0		6.5	3.2
3	Coker 9553	83.7	9	59.1	90.5	40.5	0.0			2.7	5		1.5	4.8
4	VA02W-555	78.7	20	58.2	97.5	37.5	0.0			0.3	0		0.5	5.2
5	MO011126	49.9	35	55.2		39.5	0.0			1.7	4		2.0	6.2
6	NC04-20814	52.2	34	54.6		37.5	0.0			2.0	1		1.0	6.3
7	LA01140D-70	77.2	21	58.8	80.0	45.0	1.3			0.3	1		2.5	4.3
8	TN802	24.5	40	47.3		38.0	0.0			3.3	7		1.0	6.8
9	TN501	53.1	33	56.1		44.5	0.0			0.7	4		1.0	5.5
10	W990002K1	82.0	12	56.8	78.5	36.5	0.0			0.7	0		0.0	4.2
11	W980031K1	80.4	16	59.4	83.0	42.5	1.0			0.3	3		5.5	4.0
12	W980031L1	65.8	27	56.7	95.0	40.5	0.0			2.7	4		1.0	5.5
13	GA031238-DH7-7E34	81.0	14	57.7	94.5	36.5	0.0			0.0	0		1.0	4.7
14	GA001170-7E26	99.9	1	59.5	83.0	38.5	0.0			0.3	1		1.0	2.8
15	GA001169-7E15	79.4	18	58.5	78.0	38.0	6.3			0.3	0		1.0	5.0
16	GA001492-7E9	80.1	17	58.5	80.0	41.0	2.8			1.3	1		0.5	4.0
17	MD01W233-07-1	74.5	22	59.0	94.5	35.5	0.0			0.7	2		2.0	4.8
18	MD00W53-07-1	67.7	26	58.4	83.0	38.0	0.0			0.0	3		1.0	4.5
19	G89270	56.9	32	58.1	106.0	41.5	0.0			1.7	2		0.5	7.0
20	G89283	45.3	37	53.3		39.0	0.0			3.7	2		0.5	7.7
21	G89267	49.5	36	51.1		37.5	0.0			2.3	0		0.0	6.8
22	B040798	40.4	38	48.6		39.5	0.0			1.7	7		1.5	6.8
23	D05-6189	81.7	13	55.7	72.5	41.0	0.0			1.0	0		2.0	5.8
24	D05*6441	82.4	11	58.9	80.0	39.5	0.0			0.3	0		0.5	4.2
25	FL01029-K1	86.1	5	59.8	76.5	40.5	5.0			0.0	0		0.5	5.2
26	Z03-0496	40.4	39	53.4		38.0	0.0			2.3	2		1.5	5.7
27	ARS03-5358	68.9	24	57.8	80.0	45.0	6.0			0.0	0		0.5	5.7
28	ARS05-0443	62.8	30	54.8	105.0	38.5	0.0			1.0	0		5.0	5.2
29	VA04W-90	84.6	7	57.4	83.5	39.5	0.0			1.0	5		0.5	4.7
30	VA05W-139	80.7	15	57.8	94.0	37.5	0.0			0.7	3		0.0	4.2
31	VA06W-392	83.9	8	57.7	80.0	38.0	3.5			0.3	3		1.5	4.5
32	VA05W-251	85.5	6	55.5	79.0	37.5	1.0			0.0	5		0.0	4.5
33	LA01034D-235-1	95.3	3	56.8	81.5	39.5	0.0			0.7	0		7.0	3.0
34	LA01029D-139-3	89.6	4	59.3	78.5	42.0	3.3			0.3	1		1.0	5.2
35	LA01139D-56-1	97.8	2	58.6	80.0	39.5	0.0			1.0	0		3.5	3.5
36	AR96052-4-3	63.7	29	57.0	97.5	40.0	0.0			0.0	0		3.0	6.0
37	AR98088-1-1	68.5	25	58.7	80.0	41.5	6.0			4.3	2		0.0	5.5
38	NC05-21090	64.1	28	54.8		37.5	0.0			1.0	0		1.0	5.3
39	NC05-20276	69.4	23	56.5		36.5	0.0			0.0	0		1.0	6.0
40	NC05-19684	58.9	31	57.8	104.0	35.5	0.0			0.0	1		1.5	6.7
LOCATION MEAN:		**71.2**		**56.8**	**84.8**	**39.5**	**1.0**			**1.0**			**1.6**	**5.2**
CV%		**7.7**		**1.4**	**3.2**	**2.7**	**90.8**			**106.9**			**49.6**	**10.4**
LSD(0.10)		**9.2**		**1.3**	**4.9**	**1.8**	**1.6**			**1.5**			**1.3**	**0.9**

COMMENTS: Lodging caused in early April by a strong storm (rain + 60 mph wind) just after heading.

Leaf rust from 2 yield plot reps plus a headrow plot

Stem Rust from a headrow plot at Crowley (southwest LA)

Blackpoint pretty severe from frequent rainfall during late grainfill.

Phenotype: 0 = excellent, 9 = very poor - average of 3 ratngs in spring.

Table 18. USDA Uniform Soft Red Winter Wheat Nursery at Winnsboro, LA, 2009.

Cooperator:	HARRISON, ARCENEAUX, SCHEXNAYDER, MCCARTHY, PADGETT, MASCAGNI								Location:	**WINNSBORO, LA**				
No. of Reps:	2	Harvest Plot Area (sq.ft.):		70		Yield LSD (.05)	**7.6**		Yield CV%:	7				
Fertilizer:			Seed Date:	11/18/2008					Harvest Date:	5/29/2009				
Date/Feekes Growth Stage When Scored				10.1	11	11								
ENTRY NO.	**CULTIVAR/ DESIGNATION**	**YIELD bu/A**	**Yield rank**	**TEST WT. lbs/bu**	**HEADING DATE Julian**	**HEIGHT in.**	**LODGING 0-9**	**WINTER KILL 0-9**	**POWDERY MILDEW**	**LEAF RUST 0-9**	**STEM RUST 0-9**	**FHB SCAB**	**BLACK POINT 0-9**	**PHENO TYPE 0-9**
1	AGS 2000	74.6	2	58.4	90.0	40.5	1.5			0.0			0.5	3.3
2	Pioneer Brand 26R61	67.9	10	58.5	92.0	39.5	0.0			0.0			4.0	3.8
3	Coker 9553	69.4	6	59.1	92.0	40.0	0.0			0.2			0.5	3.0
4	VA02W-555	54.3	23	54.8	95.5	34.5	0.0			0.0			1.0	4.5
5	MO011126	44.0	30	54.5	102.0	38.5	1.0			0.2			1.0	4.0
6	NC04-20814	43.3	31	54.6	105.0	39.5	0.0			0.0			1.0	4.5
7	LA01140D-70	67.9	11	58.7	86.5	41.5	0.5			0.0			1.5	3.5
8	TN802	28.3	38	50.8	103.5	37.5	3.0			0.6			0.5	4.8
9	TN501	48.4	29	55.4	102.0	47.5	2.0			0.0			0.5	4.5
10	W990002K1	51.1	26	54.4	90.0	35.0	1.5			0.0			1.0	3.8
11	W980031K1	60.4	18	58.7	93.5	39.5	0.0			0.0			3.5	3.8
12	W980031L1	34.8	34	52.3	95.0	39.5	4.0			3.0			1.0	5.0
13	GA031238-DH7-7E34	71.7	3	56.2	93.5	34.5	0.0			0.1			0.5	3.8
14	GA001170-7E26	68.2	8	58.7	90.5	37.5	0.0			0.0			0.0	4.0
15	GA001169-7E15	71.3	4	58.4	94.0	37.0	2.0			0.0			0.0	3.0
16	GA001492-7E9	64.6	14	57.3	92.5	39.5	0.0			0.2			0.0	3.5
17	MD01W233-07-1	50.7	28	56.2	99.0	38.5	0.5			0.0			3.5	3.5
18	MD00W53-07-1	55.0	22	57.4	94.0	36.0	1.0			0.0			1.0	3.5
19	G89270	40.2	33	51.9	105.0	40.5	0.5			0.8			0.5	5.3
20	G89283	26.4	39	51.2	107.5	39.5	1.5			2.5			0.5	6.0
21	G89267	25.7	40	49.8	110.0	40.0	3.0			0.0			1.0	5.0
22	B040798	28.8	37	48.5	103.5	41.0	1.0			1.5			0.5	5.3
23	D05-6189	61.0	17	55.1	86.0	43.5	0.0			0.0			2.0	3.5
24	D05*6441	66.4	12	57.8	86.0	38.5	0.0			0.0			1.0	3.8
25	FL01029-K1	66.1	13	57.6	88.5	38.0	0.0			0.1			1.0	3.5
26	Z03-0496	29.1	36	51.0	103.5	38.5	1.0			0.0			3.0	4.5
27	ARS03-5358	62.7	15	57.7	98.5	44.5	0.0			0.0			1.0	4.5
28	ARS05-0443	30.9	35	47.0	105.0	36.5	0.0			0.3			2.0	4.5
29	VA04W-90	68.1	9	57.2	90.0	35.5	0.0			0.1			0.5	3.5
30	VA05W-139	50.9	27	54.2	98.0	38.0	0.0			0.1			0.5	4.0
31	VA06W-392	57.2	20	56.2	95.0	38.0	2.0			0.0			0.5	3.8
32	VA05W-251	70.4	5	55.9	90.0	35.0	0.0			0.0			0.0	3.5
33	LA01034D-235-1	57.7	19	55.5	86.0	33.0	0.0			0.3			0.5	3.5
34	LA01029D-139-3	68.4	7	57.7	93.5	39.0	0.0			0.0			0.0	3.3
35	LA01139D-56-1	75.1	1	58.7	85.0	35.5	0.0			0.0			0.5	3.5
36	AR96052-4-3	53.6	24	54.9	94.5	37.5	2.5			0.1			1.0	4.0
37	AR98088-1-1	61.3	16	57.6	91.0	39.0	0.0			1.2			0.0	3.8
38	NC05-21090	42.0	32	53.3	101.5	38.0	0.0			0.1			0.0	4.8
39	NC05-20276	57.0	21	57.5	101.0	38.0	0.5			0.0			0.5	4.0
40	NC05-19684	51.6	25	55.7	100.0	36.5	0.5			0.0			1.0	4.8
LOCATION MEAN:		**54.4**		**55.4**	**95.7**	**38.5**	**0.7**			**0.3**			**1.0**	**4.0**
CV%		**6.9**		**1.0**	**1.4**	**6.7**	**131.0**			**104.6**			**71.5**	**9.4**
LSD(0.05)		**7.6**		**1.1**	**2.7**	**5.3**	**2.0**			**0.6**			**1.4**	**0.8**

COMMENTS: Very wet Dec - January limited tillering. Very dry Feb - March limited head size. Moderate / light disease pressure. Rain and humidity late in maturity caused black point.

Blackpoint pretty severe from frequent rainfall during late grainfill.

Phenotype: 0 = excellent, 9 = very poor - average of 3 ratngs in spring.

Table 19. Wheat Prelim-A at Baton Rouge, LA for 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Black Point 0-9	Pheno type 0-9
LA01139D-56-7-3	78.7	59.1	80	41	1.5	0.0	2.0	3.7
LA01110D-11-2-C	76.4	58.4	85	44	0.0	0.0	3.0	3.8
LA841	**75.9**	**57.7**	**83**	**42**	**1.3**	**0.0**	**2.0**	**4.0**
LA01162D-131-8-B	75.5	57.7	83	44	2.0	0.0	1.5	4.3
LA01034D-42-3-C	74.9	57.5	78	40	0.3	0.0	1.5	3.7
LA01140D-229-6-4	74.2	58.5	80	40	1.5	0.0	2.5	3.8
LA01146D-39-7-3	74.0	57.8	78	41	4.3	0.0	2.5	4.7
LA01059D-147-8-1	73.6	57.9	78	36	2.8	0.0	0.0	4.5
LA01005D-73-3-4	72.6	56.7	83	43	0.0	0.0	1.0	4.2
LA01022D-52-4-1	72.5	57.4	78	36	2.8	0.0	3.5	4.3
LA01022D-52-3-4	72.2	58.1	79	35	1.3	0.0	1.0	3.8
ARGE97-1047-2	71.9	58.7	78	41	5.3	0.0	1.0	5.2
LA482	**71.6**	**56.0**	**73**	**42**	**4.0**	**0.5**	**0.5**	**4.7**
LA03187C-14	71.2	57.5	79	44	4.3	0.0	4.0	5.3
FL03157D-28	71.2	58.1	83	41	0.0	0.0	1.5	3.8
AR01120-30-4-2	71.1	59.9	85	43	0.0	0.0	3.0	3.7
LA01108D-35-3-1	70.5	57.2	76	42	5.3	0.0	1.0	5.2
LA01164D-94-2-B	70.5	54.9	79	38	0.0	0.0	0.0	5.5
LA01143D-51-2-B	70.2	57.7	78	41	5.5	0.0	1.5	5.3
LA01056D-84-2-1	69.5	57.4	73	40	5.0	0.0	1.0	5.2
LA01113D-4-3-4	69.1	59.0	80	42	4.8	0.0	2.5	5.0
FL03157D-30	67.8	57.8	86	43	0.0	0.0	1.0	4.0
AGS 2060	**67.7**	**59.2**	**74**	**41**	**5.8**	**0.0**	**0.5**	**5.2**
LA01016D-76-5-1	67.1	55.2	74	39	4.8	0.0	1.0	4.7
LA01056D-84-7-2	66.8	57.2	73	40	5.0	0.0	0.5	5.0
FL03113D-33	66.7	59.1	82	43	0.0	0.0	0.5	4.7
LA01145D-123-5-C	65.5	57.0	82	41	5.3	0.0	2.0	5.2
LA01075D-66-5-1	64.6	57.2	78	43	3.0	0.0	0.5	4.2
LA01145D-64-3-4	64.2	56.1	84	43	2.8	0.0	1.5	3.8
LA01147D-14-1-2	62.8	58.3	77	41	3.3	0.0	1.5	4.7
USG 3295	**60.2**	**57.5**	**101**	**37**	**0.0**	**0.0**	**0.0**	**6.3**
LA01158D-36-6-C	60.0	57.7	73	36	4.5	0.0	1.0	6.0
LA01140D-91-3-4	59.2	58.7	83	40	5.3	0.0	2.0	5.8
LA01016D-40-6-4	59.0	58.1	80	41	6.5	0.0	1.0	5.8
LA01139D-86-6-1	57.7	59.1	83	44	4.8	0.0	3.5	5.3
LA01147D-14-1-3	56.8	57.3	73	40	6.3	0.0	1.0	5.3
LA01147D-14-1-4	56.1	58.4	75	41	5.0	0.0	1.0	5.2
AR01120-97-3-1	56.1	56.5	80	43	5.0	0.0	3.0	4.8
FL03173D-30	55.3	58.2	73	38	6.5	0.0	0.5	5.5
LA01016D-42-7-1	45.6	56.7	82	41	6.8	0.0	0.5	5.8
Mean	**67.2**	**57.7**	**79**	**41**	**3.3**	**0.0**	**1.5**	**4.8**
CV	**9**	**1**	**1**	**2**	**44**	**894**	**46**	**10**
LSD	**10.2**	**0.9**	**1**	**2**	**2.4**	**0.2**	**1.1**	**0.8**

Ben Hur Research Farm. Baton Rouge, LA. S. Harrison, K. Arceneaux, G. Schexnayder, and K. McCarthy.

Cultural and Site: Planted 11/15/2008. Harvested 5/21/2009. 18-46-60 preplant + 90-0-0 topdress fertilizer. Finesse herbicde preplant. Harmony X herbicide in spring. Wet December and January, Very dry February and March.

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

Severe lodging occurred in some early varieties around March 30 (Head Day 89) due to high winds and heavy rainfall.

Black Point: http://www.ianrpubs.unl.edu/epublic/pages/publicationD.jsp?publicationId=352

Table 20. Wheat Prelim-A at Winnsboro, LA for 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Unif ormity 0-9	Pheno type 0-9
LA01158D-36-6-C	95.2	56.6	83	33	0.5	0.0	2.0	3.4
ARGE97-1047-2	92.6	58.6	83	36	2.0	0.0	2.0	3.2
LA01139D-56-7-3	92.5	59.0	80	36	0.0	0.0	2.0	3.2
LA01110D-11-2-C	91.9	58.7	85	38	0.5	0.0	2.0	3.5
LA01108D-35-3-1	91.6	57.3	77	38	0.5	0.0	1.0	3.4
LA01034D-42-3-C	89.4	56.8	83	34	0.5	0.0	2.0	3.3
LA03187C-14	88.3	56.8	84	42	0.5	0.0	3.0	4.3
LA01162D-131-8-B	88.1	57.2	84	40	1.5	0.3	2.0	3.8
LA841	**86.5**	**56.3**	**83**	**36**	**1.0**	**1.5**	**2.0**	**3.6**
LA01022D-52-3-4	86.2	56.2	80	30	1.0	0.0	1.0	3.2
USG 3295	**86.2**	**57.0**	**83**	**34**	**1.0**	**0.0**	**1.0**	**4.0**
LA01145D-123-5-C	85.8	54.4	83	38	4.0	0.0	1.0	3.8
AGS 2060	**85.6**	**56.3**	**83**	**41**	**3.5**	**0.0**	**1.0**	**2.8**
LA482	**84.6**	**56.2**	**85**	**40**	**1.5**	**0.0**	**2.0**	**4.3**
LA01075D-66-5-1	84.4	56.8	84	39	0.0	0.0	3.0	3.6
LA01022D-52-4-1	83.5	57.9	83	30	0.5	0.5	3.0	3.3
LA01059D-147-8-1	83.5	56.8	80	28	0.0	0.0	1.0	3.6
FL03157D-30	83.1	58.9	83	39	2.0	0.0	1.0	3.5
LA01056D-84-7-2	82.7	58.5	83	37	0.5	0.0	1.0	2.8
LA01140D-229-6-4	81.8	57.8	82	37	0.0	0.0	2.0	2.2
LA01146D-39-7-3	81.8	57.1	83	37	1.5	0.8	1.0	4.1
AR01120-97-3-1	81.0	56.5	81	39	0.5	0.0	1.0	2.3
LA01147D-14-1-2	80.9	58.5	83	37	0.0	0.0	1.0	3.2
LA01016D-76-5-1	80.5	57.5	84	36	0.5	0.0	1.0	2.6
FL03113D-33	80.5	58.6	80	37	0.5	0.0	2.0	4.3
FL03157D-28	80.3	57.5	83	36	1.0	0.0	3.0	3.7
LA01016D-40-6-4	79.8	58.6	81	35	2.5	0.0	1.0	3.3
LA01139D-86-6-1	79.2	64.3	82	37	1.0	0.0	2.0	3.6
FL03173D-30	79.1	57.6	82	35	6.0	0.0	2.0	4.3
AR01120-30-4-2	79.0	58.3	85	38	0.0	0.0	2.0	2.8
LA01145D-64-3-4	78.8	55.9	83	40	0.5	1.0	1.0	3.8
LA01056D-84-2-1	78.2	54.3	83	38	0.5	0.0	1.0	4.0
LA01164D-94-2-B	77.5	56.1	85	36	1.0	0.3	2.0	4.5
LA01113D-4-3-4	77.1	55.1	83	37	3.5	0.0	1.0	3.8
LA01147D-14-1-4	76.8	59.3	83	37	0.0	0.0	2.0	3.7
LA01143D-51-2-B	76.6	57.0	79	35	1.5	0.0	1.0	3.9
LA01005D-73-3-4	75.7	55.3	84	39	0.0	0.0	1.0	3.9
LA01140D-91-3-4	74.0	57.6	83	37	3.0	0.0	1.0	3.6
LA01147D-14-1-3	72.7	59.2	80	36	0.0	0.0	2.0	3.2
LA01016D-42-7-1	70.3	56.6	79	37	7.0	1.0	1.0	4.8
Mean	**82.6**	**57.4**	**82**	**36**	**1.3**	**0.1**	**1.6**	**3.6**
CV	**6**	**3**	**2**	**4**	**92**	**185**		**13**
LSD	**8.8**	**3.2**	**2**	**2**	**2.0**	**0.4**		**0.8**

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

Table WPA09SM. Wheat Prelim- at Stoneville, MS for 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in
USG 3295	**89.0**	**55.0**	**86**	**30**
LA01147D-14-1-2	86.5	57.0	85	32
LA01056D-84-7-2	81.2	56.0	85	35
AGS 2060	**80.1**	**56.0**	**86**	**35**
LA01158D-36-6-C	79.8	55.0	86	30
LA01016D-76-5-1	79.8	55.0	87	33
LA01110D-11-2-C	79.7	56.0	86	33
LA03187C-14	79.5	55.0	88	40
LA01034D-42-3-C	79.3	55.0	85	31
LA01145D-64-3-4	78.0	53.0	86	35
LA01056D-84-2-1	77.4	56.0	84	36
AR01120-30-4-2	77.1	57.0	87	37
LA841	**77.0**	**53.0**	**85**	**33**
LA01164D-94-2-B	76.6	54.0	86	35
LA01140D-229-6-4	76.4	57.0	84	32
LA01022D-52-4-1	76.1	56.0	83	31
LA01140D-91-3-4	76.0	56.0	85	35
ARGE97-1047-2	75.2	57.0	87	35
LA01147D-14-1-4	73.9	57.0	86	34
LA01139D-86-6-1	72.8	56.0	84	37
LA01145D-123-5-C	71.5	54.0	86	34
FL03157D-30	71.3	55.0	84	31
LA01139D-56-7-3	70.0	56.0	82	29
LA01022D-52-3-4	69.7	56.0	83	30
LA01146D-39-7-3	69.4	55.0	83	32
LA01005D-73-3-4	68.3	54.0	85	31
FL03173D-30	67.6	56.0	85	32
FL03113D-33	66.8	55.0	83	33
LA01113D-4-3-4	66.6	56.0	85	36
AR01120-97-3-1	64.9	53.0	82	34
LA01059D-147-8-1	61.5	55.0	82	28
LA01147D-14-1-3	61.3	56.0	84	32
LA01075D-66-5-1	61.2	54.0	84	34
LA01162D-131-8-B	60.6	55.0	84	36
LA01108D-35-3-1	60.5	54.0	82	31
LA482	**58.9**	**55.0**	**85**	**34**
FL03157D-28	58.7	55.0	83	32
LA01016D-42-7-1	55.8	56.0	81	32
LA01016D-40-6-4	55.2	56.0	82	26
LA01143D-51-2-B	54.8	55.0	83	30
Mean	**71.2**	**55.3**	**84**	**33**
CV	**8**			
LSD	**10.0**			

Table 22. Wheat Prelim- A across three locations (Baton Rouge, Winnsboro, and Stoneville, MS)

	Grain Yield				Test	Head	Plant	Lodg	Black	Unif	Pheno
	Mean	BR	WN	SM	Wt	Day	Height	ing	point	ormity	type
Brand / variety		bu/a			lbs/bu	of yr	in	0-9	0-9	0-9	0-9
LA01110D-11-2-C	**82.7**	76.4 2	91.9 4	79.7 7	58.0	85	39	0.3	3.0	2.0	3.7
LA01034D-42-3-C	**81.2**	74.9 5	89.4 6	79.3 9	56.7	81	36	0.4	1.5	2.0	3.5
LA01139D-56-7-3	**80.4**	78.7 1	92.5 3	70.0 23	58.4	80	36	0.8	2.0	2.0	3.4
ARGE97-1047-2	**79.9**	71.9 12	92.6 2	75.2 18	58.3	82	38	3.6	1.0	2.0	4.2
LA841	**79.8**	**75.9 3**	**86.5 9**	**77.0 13**	**56.2**	**83**	**38**	**1.1**	**2.0**	**2.0**	**3.8**
LA03187C-14	**79.7**	71.2 14	88.3 7	79.5 8	56.7	83	42	2.4	4.0	3.0	4.8
USG 3295	**78.4**	**60.2 31**	**86.2 11**	**89.0 1**	**56.8**	**91**	**34**	**0.5**	**0.0**	**1.0**	**5.2**
LA01158D-36-6-C	**78.3**	60.0 32	95.2 1	79.8 5	56.7	79	33	2.5	1.0	2.0	4.7
AGS 2060	**77.8**	**67.7 23**	**85.6 13**	**80.1 4**	**57.4**	**80**	**40**	**4.6**	**0.5**	**1.0**	**4.0**
LA01140D-229-6-4	**77.5**	74.2 6	81.8 20	76.4 15	57.9	81	37	0.8	2.5	2.0	3.0
LA01022D-52-4-1	**77.4**	72.5 10	83.5 16	76.1 16	57.3	81	32	1.6	3.5	3.0	3.8
LA01056D-84-7-2	**76.9**	66.8 25	82.7 19	81.2 3	57.5	79	38	2.8	0.5	1.0	3.9
LA01147D-14-1-2	**76.7**	62.8 30	80.9 23	86.5 2	58.1	81	37	1.6	1.5	1.0	3.9
LA01022D-52-3-4	**76.0**	72.2 11	86.2 10	69.7 24	56.9	80	32	1.1	1.0	1.0	3.5
LA01016D-76-5-1	**75.8**	67.1 24	80.5 24	79.8 6	56.1	81	37	2.6	1.0	1.0	3.6
AR01120-30-4-2	**75.7**	71.1 16	79.0 30	77.1 12	58.7	85	40	0.0	3.0	2.0	3.3
LA01146D-39-7-3	**75.1**	74.0 7	81.8 21	69.4 25	57.0	81	37	2.9	2.5	1.0	4.4
LA01056D-84-2-1	**75.0**	69.5 20	78.2 32	77.4 11	55.9	79	38	2.8	1.0	1.0	4.6
LA01164D-94-2-B	**74.9**	70.5 18	77.5 33	76.6 14	55.2	83	36	0.5	0.0	2.0	5.0
LA01162D-131-8-B	**74.7**	75.5 4	88.1 8	60.6 34	57.0	83	41	1.8	1.5	2.0	4.1
LA01145D-123-5-C	**74.2**	65.5 27	85.8 12	71.5 21	55.3	83	38	4.6	2.0	1.0	4.5
LA01108D-35-3-1	**74.2**	70.5 17	91.6 5	60.5 35	56.6	77	38	2.9	1.0	1.0	4.3
FL03157D-30	**74.1**	67.8 22	83.1 18	71.3 22	57.7	84	39	1.0	1.0	1.0	3.8
LA01145D-64-3-4	**73.6**	64.2 29	78.8 31	78.0 10	55.4	84	40	1.6	1.5	1.0	3.8
LA01059D-147-8-1	**72.9**	73.6 8	83.5 17	61.5 31	56.9	79	31	1.4	0.0	1.0	4.0
LA01005D-73-3-4	**72.2**	72.6 9	75.7 37	68.3 26	55.6	84	39	0.0	1.0	1.0	4.0
LA482	**71.7**	**71.6 13**	**84.6 14**	**58.9 36**	**55.9**	**80**	**39**	**2.8**	**0.5**	**2.0**	**4.5**
FL03113D-33	**71.3**	66.7 26	80.5 25	66.8 28	58.1	81	39	0.3	0.5	2.0	4.5
LA01113D-4-3-4	**70.9**	69.1 21	77.1 34	66.6 29	56.8	82	38	4.1	2.5	1.0	4.4
LA01075D-66-5-1	**70.1**	64.6 28	84.4 15	61.2 33	56.4	81	39	1.5	0.5	3.0	3.9
FL03157D-28	**70.0**	71.2 15	80.3 26	58.7 37	57.2	83	37	0.5	1.5	3.0	3.8
LA01139D-86-6-1	**69.9**	57.7 35	79.2 28	72.8 20	60.6	83	39	2.9	3.5	2.0	4.5
LA01140D-91-3-4	**69.7**	59.2 33	74.0 38	76.0 17	57.7	83	38	4.1	2.0	1.0	4.7
LA01147D-14-1-4	**69.0**	56.1 37	76.8 35	73.9 19	58.5	80	38	2.5	1.0	2.0	4.4
AR01120-97-3-1	**67.3**	56.1 38	81.0 22	64.9 30	55.8	81	39	2.8	3.0	1.0	3.6
FL03173D-30	**67.3**	55.3 39	79.1 29	67.6 27	57.5	79	35	6.3	0.5	2.0	4.9
LA01143D-51-2-B	**67.2**	70.2 19	76.6 36	54.8 40	56.9	79	36	3.5	1.5	1.0	4.6
LA01016D-40-6-4	**64.7**	59.0 34	79.8 27	55.2 39	57.9	81	35	4.5	1.0	1.0	4.6
LA01147D-14-1-3	**63.6**	56.8 36	72.7 39	61.3 32	57.8	78	37	3.1	1.0	2.0	4.3
LA01016D-42-7-1	**57.2**	45.6 40	70.3 40	55.8 38	56.5	80	37	6.9	0.5	1.0	5.3
Mean	**73.6**	**67.2**	**82.6**	**71.2**	**57.1**	**82**	**37**	**2.3**	**1.5**	**1.6**	**4.2**
CV	**8**	**9**	**6**	**8**	**2**	**1**	**3**	**58**			**11**
LSD	**8.7**	**10.2**	**8.8**	**10.0**	**1.3**	**ns**	**2**	**2.4**			**0.9**

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

Table 23. Wheat Prelim-B at Baton Rouge, LA for 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Black Point 0-9	Pheno type 0-9
LA01069D-23-4-4	82.3	59.2	83	43	1.0	1.5	3.3
LA01059D-127-3-2	77.7	56.8	83	40	0.0	2.0	3.5
LA01162D-131-8-B	76.5	57.9	83	44	0.5	2.5	4.3
LA01137D-4-4-1	76.1	58.0	79	42	6.5	6.0	5.5
LA01139D-5-5-2	74.0	57.6	84	43	0.5	2.5	3.5
FL03169D-58	72.7	59.7	82	44	1.5	5.0	4.0
LA841	**72.2**	**57.5**	**83**	**42**	**2.0**	**2.0**	**3.5**
LA01110D-100-6-1	71.7	58.0	80	44	3.0	5.0	4.0
LA01035D-150-6-2	69.8	59.5	80	41	3.0	6.0	3.5
LA01005D-37-4-4	67.1	56.1	79	40	1.5	5.0	4.0
ARGE97-1048-8	63.1	59.2	78	42	4.5	2.5	4.8
LA482	**63.0**	**57.6**	**73**	**42**	**3.0**	**3.0**	**4.3**
AGS 2060	**61.7**	**59.1**	**77**	**42**	**6.0**	**0.5**	**5.3**
LA01035D-193-8-3	61.7	57.9	79	42	5.5	1.5	4.5
LA01164D-43-7-B	57.0	58.5	79	44	6.0	2.5	5.5
ARGE97-1047-2	55.6	59.3	78	42	3.5	2.5	4.5
LA01164D-94-2-B	53.9	55.9	79	38	3.0	0.0	5.0
LA01162D-136-8-B	52.8	55.6	82	40	0.0	0.0	4.5
USG3295	**51.9**	**58.9**		**39**	**0.0**	**0.0**	**6.0**
LA01059D-189-6-1	41.7	55.3	80	39	5.5	2.5	4.5
Mean	**65.1**	**57.9**	**80**	**41**	**2.8**	**2.6**	**4.4**
CV	**7**	**1**	**1**	**2**	**33**	**33**	**9**
LSD	**8.4**	**1.0**	**2**	**2**	**1.6**	**1.5**	**0.7**

Ben Hur Research Farm. Baton Rouge, LA. S. Harrison, K. Arceneaux, G. Schexnayder, and K. McCarthy.

Cultural and Site: Planted 11/15/2008. Harvested 5/21/2009. 18-46-60 preplant + 90-0-0 topdress fertilizer. Finesse herbicde preplant. Harmony X herbicide in spring. Wet December and January, Very dry February and March.

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

Blank heading dates indicate very late or partially-vernalized

Severe lodging occurred in some early varieties around March 30 (Head Day 89) due to high winds and heavy rainfally.

Black Point: http://www.ianrpubs.unl.edu/epublic/pages/publicationD.jsp?publicationId=352

Table 24. Wheat Prelim- at Winnsboro, LA for 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Unif ormity 0-9	Pheno type 0-9
LA01059D-127-3-2	104.3	56.7	83	38	0.5	0.0	1.0	3.1
USG3295	**99.4**	**57.5**	**91**	**37**	**2.0**	**0.0**	**1.0**	**3.8**
LA01035D-150-6-2	94.1	57.5	80	37	0.5	1.0	1.0	3.7
LA01139D-5-5-2	93.5	55.5	83	36	1.0	0.5	2.0	3.0
AGS 2060	**93.4**	**57.9**	**83**	**39**	**2.5**	**0.0**	**1.0**	**3.2**
FL03169D-58	92.7	58.7	83	42	0.0	0.0	2.0	3.7
ARGE97-1047-2	92.5	58.4	83	38	1.5	0.0	2.0	3.3
LA01110D-100-6-1	92.1	56.7	79	39	1.5	1.0	1.0	3.8
LA01069D-23-4-4	91.8	58.1	83	38	0.5	0.0	2.0	3.1
ARGE97-1048-8	89.0	57.8	82	39	2.0	0.0	2.0	3.4
LA482	**88.9**	**55.6**	**83**	**40**	**2.0**	**0.5**	**2.0**	**3.7**
LA01005D-37-4-4	88.8	56.4	83	38	0.0	0.0	2.0	3.2
LA01035D-193-8-3	88.4	57.4	81	38	2.0	1.0	2.0	3.9
LA01059D-189-6-1	88.0	54.5	83	38	1.0	0.5	2.0	3.8
LA841	**87.8**	**55.3**	**83**	**37**	**1.5**	**1.0**	**2.0**	**3.2**
LA01137D-4-4-1	85.6	56.3	82	35	3.0	0.0	1.0	3.2
LA01162D-131-8-B	81.9	55.0	83	39	1.5	0.5	2.0	4.3
LA01164D-43-7-B	79.1	58.3	83	41	1.0	0.0	3.0	4.4
LA01164D-94-2-B	70.3	53.9	84	38	0.5	1.0	1.0	4.4
LA01162D-136-8-B	70.1	53.2	85	38	1.0	1.0	2.0	4.7
Mean	**88.6**	**56.5**	**83**	**38**	**1.3**	**0.4**		**3.6**
CV	**5**	**1**	**1**	**5**	**94**	**178**		**11**
LSD	**7.0**	**1.2**	**1**	**3**	**2.1**	**1.2**		**0.7**

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

Table 25. Wheat Prelim-B at Stoneville, MS for 2009.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in
LA01069D-23-4-4	90.7	56.0	86	33
USG3295	**90.4**	**54.0**	**88**	**32**
AGS 2060	**89.4**	**57.0**	**87**	**34**
ARGE97-1047-2	83.9	56.0	87	35
LA01059D-127-3-2	80.5	54.0	87	29
LA482	**77.9**	**53.0**	**87**	**34**
FL03169D-58	77.5	56.0	85	35
LA01137D-4-4-1	77.1	57.0	84	33
LA01139D-5-5-2	75.7	54.0	85	31
ARGE97-1048-8	75.3	56.0	87	36
LA841	**75.3**	**54.0**	**85**	**29**
LA01162D-136-8-B	73.9	55.0	89	37
LA01162D-131-8-B	73.8	54.0	86	34
LA01059D-189-6-1	73.6	52.0	86	35
LA01164D-94-2-B	73.3	53.0	87	34
LA01110D-100-6-1	70.8	55.0	83	35
LA01035D-150-6-2	69.7	56.0	85	30
LA01035D-193-8-3	69.5	56.0	84	30
LA01005D-37-4-4	69.3	55.0	84	31
LA01164D-43-7-B	64.2	56.0	85	36
Mean	**76.6**	**55.0**	**86**	**33**
CV	**10**			
LSD	**13.3**			

Table 26. Wheat Prelim- B across three locations (Baton Rouge, Winnsboro, and Stoneville, MS)

	Grain Yield				Test	Head	Plant	Lodg	Leaf	Black	Unif	Pheno
	BR	WN	SM	Mean	Wt	Day	Height	ing	Rust	point	ormity	type
Brand / variety					**lbs/bu**	**of yr**	**in**	**0-9**	**%**	**0-9**	**0-9**	**0-9**
LA01069D-23-4-4	82.3	91.8	90.7	88.3	58.1	84	39	0.8	0	1.5	2.0	3.2
LA01059D-127-3-2	77.7	104.3	80.5	87.5	56.2	84	37	0.3	0	2.0	1.0	3.3
AGS 2060	**61.7**	**93.4**	**89.4**	**81.5**	**58.2**	**81**	**39**	**4.3**	**0**	**0.5**	**1.0**	**4.2**
LA01139D-5-5-2	74.0	93.5	75.7	81.0	56.0	84	37	0.8	1	2.5	2.0	3.3
FL03169D-58	72.7	92.7	77.5	80.9	58.5	83	41	0.8	0	5.0	2.0	3.8
USG3295	**51.9**	**99.4**	**90.4**	**80.5**	**57.3**	**90**	**36**	**1.0**	**0**	**0.0**	**1.0**	**4.9**
LA01137D-4-4-1	76.1	85.6	77.1	79.6	57.1	81	37	4.8	0	6.0	1.0	4.3
LA841	**72.2**	**87.8**	**75.3**	**78.4**	**55.9**	**83**	**37**	**1.8**	**1**	**2.0**	**2.0**	**3.3**
LA01110D-100-6-1	71.7	92.1	70.8	78.2	56.9	80	40	2.3	1	5.0	1.0	3.9
LA01035D-150-6-2	69.8	94.1	69.7	77.9	58.0	81	37	1.8	1	6.0	1.0	3.6
LA01162D-131-8-B	76.5	81.9	73.8	77.4	55.9	84	40	1.0	1	2.5	2.0	4.3
ARGE97-1047-2	55.6	92.5	83.9	77.3	58.3	82	39	2.5	0	2.5	2.0	3.9
LA482	**63.0**	**88.9**	**77.9**	**76.6**	**55.9**	**80**	**39**	**2.5**	**1**	**3.0**	**2.0**	**4.0**
ARGE97-1048-8	63.1	89.0	75.3	75.8	58.0	81	39	3.3	0	2.5	2.0	4.1
LA01005D-37-4-4	67.1	88.8	69.3	75.1	56.0	82	37	0.8	0	5.0	2.0	3.6
LA01035D-193-8-3	61.7	88.4	69.5	73.2	57.3	81	38	3.8	1	1.5	2.0	4.2
LA01059D-189-6-1	41.7	88.0	73.6	67.8	54.3	82	38	3.3	1	2.5	2.0	4.2
LA01164D-43-7-B	57.0	79.1	64.2	66.8	57.9	82	41	3.5	0	2.5	3.0	5.0
LA01164D-94-2-B	53.9	70.3	73.3	65.8	54.5	83	37	1.8	1	0.0	1.0	4.7
LA01162D-136-8-B	52.8	70.1	73.9	65.6	54.5	84	38	0.5	1	0.0	2.0	4.6
Mean	**65.1**	**88.6**	**76.6**	**76.8**	**56.7**	**82**	**38**	**2.1**	**0**	**2.6**	**1.7**	**4.0**
CV	**7**	**5**	**10**	**7**	**1**	**1**	**4**	**53**		**33**		**10**
LSD	**8.4**	**7.0**	**13.3**	**10.3**	**1.0**	**5**	**2**	**2.4**		**1.5**		**0.9**

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

Table 27. Hessian Fly Variety Trial at Maringouin, LA, 2009. Sorted by average yield.

	Grain Yield			Test Wt		Hessian Fly Visual Rating				Hessian Fly Count				Leaf Rust	
Variety						Feb		April		Feb		May			
VAR	**Chem**	**None**	**Mean**	**Chem**	**None**	**Chem**	**None**	**Chem**	**None**	**Chem**	**None**	**Chem**	**None**	**LRC**	**LRN**
	bu/acre			lbs/bu		0-9				no/plt				%	
AGS 2026	67.3	73.5	70.4	58.4	58.1	0.0	0.3	0.0	0.0	0.00	0.17	0.10	0.10	0	0
DYNA-GRO OGLETHORPE	61.3	67.6	64.5	57.5	57.9	1.0	0.7	0.0	0.0	0.03	0.00	0.93	0.00	1	0
PIONEER XW07B	62.5	53.6	58.0	59.1	57.7	2.7	2.0	1.0	1.0	0.00	0.00	0.03	0.03	1	1
AGS 2060	51.0	44.3	47.7	60.6	60.3	1.0	1.0	0.0	0.0	0.00	0.00	0.83	0.23	0	0
GA981622-5E35	30.6	40.0	35.3	60.4	60.1	1.7	1.3	0.0	1.0	0.03	0.20	0.27	1.93	0	0
MAGNOLIA	36.7	33.8	35.2	58.8	58.3	2.7	4.3	2.7	5.0	0.77	1.13	2.40	2.23	18	12
AGS 2055	37.8	31.1	34.5	53.2	51.4	1.7	3.0	3.3	4.0	0.03	0.00	0.10	0.10	12	7
PIONEER 26R61	27.1	39.1	33.1	60.1	60.6	1.3	2.0	0.0	0.7	0.10	0.13	1.33	0.93	1	0
CROPLAN 8302	28.1	37.5	32.8	54.4	55.4	2.3	2.7	5.3	3.3	0.87	0.43	0.17	0.00	25	17
TERRAL LA821	29.6	30.0	29.8	57.1	56.3	5.0	5.0	4.7	5.7	1.43	0.63	1.30	3.40	0	0
TERRAL LA482	28.7	28.1	28.4	56.4	56.2	5.3	5.0	4.7	4.3	1.20	0.00	2.97	2.57	2	10
AGS 2020	34.6	17.0	25.8	58.8	56.5	5.3	6.7	4.7	6.7	1.03	1.00	2.90	5.40	0	0
DELTA KING DK9108	22.2	22.8	22.5	55.4	54.8	4.0	4.3	5.0	5.7	0.33	0.63	2.17	3.43	7	9
USG 3592	27.6	16.9	22.3	54.2	52.9	4.7	6.0	4.7	5.3	1.43	1.13	4.00	7.43	0	0
HBK 3443	26.2	14.0	20.1	55.4	53.9	4.7	4.7	6.0	7.0	1.23	1.33	3.67	5.03	13	30
COKER 9700	22.3	11.0	16.6	52.0	52.3	5.0	5.7	5.7	6.3	1.90	2.53	2.53	4.70	8	8
LA95135	21.5	10.3	15.9	48.9	48.9	4.3	6.0	6.0	5.7	1.07	1.27	2.63	4.03	0	0
DELTA GROW 5200	22.6	7.7	15.1	54.2	51.5	3.7	5.0	6.0	6.0	1.47	1.67	3.70	5.67	10	12
Coker 9553	14.9	5.5	10.2	52.0	51.9	5.3	6.7	6.0	7.3	1.50	0.73	4.47	5.43	12	12
PIONEER 26R87	11.8	5.9	8.8	47.2	51.1	6.3	7.0	7.0	6.3	1.93	2.97	4.50	7.33	13	8
USG 3295	14.2	3.1	8.7	50.1	50.2	5.7	6.7	6.7	7.0	0.97	2.23	4.07	7.63	1	0
USG 3350	12.4	4.9	8.6	49.2	50.4	4.3	3.7	6.3	6.3	0.97	0.53	2.53	5.33	15	13
TERRAL LA841	10.1	6.4	8.3	54.4	51.7	6.0	6.3	6.3	7.0	1.40	1.87	3.23	4.90	9	12
PROGENY 117	8.4	4.3	6.3	52.4	53.0	6.3	6.0	7.0	7.0	0.83	2.27	4.23	6.60	23	13
AGS 2031	8.2	2.2	5.2	49.4		5.3	7.7	6.7	7.3	1.73	3.13	4.00	9.90	0	0
USG 3555	5.9	2.6	4.2	45.0		5.7	6.0	5.7	7.0	1.93	3.33	4.13	6.23	12	17
MEAN	**27.8**	**23.6**	**25.7**	**54.4**	**54.6**	**3.9**	**4.4**	**4.3**	**4.7**	**0.93**	**1.13**	**2.43**	**3.87**	**7**	**7**
LSD (0.10)			**9.5**												

Comparison of Chemical versus No Chemical. *, ns indicate significant or non-significant differences.

	Grain Yield		Test Wt		Hessian Fly Visual Rating				Hessian Fly Count				Leaf Rust	
					FEB		APR		FEB		MAY			
Cruiser + Karate	27.8	*	54.6	ns	3.9	*	4.3	*	0.93	ns	2.43	*	7	ns
No Chemical	23.6		55.0		4.4		4.7		1.13		3.87		7	

Significance of Model Effects *, ns indicate significant or non-significant differences.

	Grain Yield	Test Wt	Hessian Fly Visual Rating		Hessian Fly Count		Leaf Rust
			FEB	APR	FEB	APR	
Variety	**	**	**	**	**	**	**
Variety x Chemical	**	ns	ns	ns	ns	**	*

Correlations Among Variables

	Yield		VF		VA		HFF	
Visaul Feb (VF)	-0.86	**						
Visual April (VA)	-0.88	**	0.91	**				
HF Count Feb (HFF)	-0.73	**	0.78	**	0.74	**		
HF Count May (HFM)	-0.81	**	0.84		0.77	**	0.80	**

Table 28. Hessian Fly Variety Trial at Winnsboro, LA, 2009. Sorted by average yield.

	Grain Yield			Test Wt		Hessian Fly Incidence		Hessian Fly Count	
Variety									
VAR	**Chem**	**None**	**Mean**	**Chem**	**None**	**Chem**	**None**	**Chem**	**None**
	bu/acre			**lbs/bu**		**% plants**		**no / plant**	
USG 3295	80.7	69.5	75.1	57.6	58.2	17	80	0.60	6.57
GA981622-5E35	74.4	72.6	73.5	59.7	55.3	0	0	0.00	0.00
AGS 2060	77.3	69.7	73.5	60.0	58.9	0	0	0.00	0.00
MAGNOLIA	69.5	70.3	69.9	56.8	56.9	17	23	1.57	1.00
Coker 9553	64.5	73.9	69.2	56.6	59.3	0	23	0.10	1.00
LA95135	72.1	66.1	69.1	56.8	56.1	17	43	0.77	2.77
USG 3592	72.9	64.0	68.4	59.3	60.0	20	40	0.93	3.17
AGS 2026	70.0	66.4	68.2	57.9	59.8	0	23	0.03	1.00
TERRAL LA841	70.8	64.8	67.8	56.1	58.3	7	43	0.07	1.57
AGS 2020	68.5	66.6	67.6	59.6	56.7	20	50	0.30	2.93
TERRAL LA821	71.5	62.7	67.1	57.9	59.3	7	35	0.90	2.05
DYNA-GRO OGLETHORPE	67.1	65.1	66.1	58.3	57.6	13	47	0.27	3.57
PIONEER 26R61	63.2	68.7	66.0	58.3	58.5	17	20	0.63	1.07
PROGENY 117	75.5	55.4	65.5	59.4	57.5	10	20	0.30	0.37
USG 3555	71.5	57.8	64.7	58.7	57.2	20	47	0.90	2.33
CROPLAN 8302	63.2	61.4	62.3	59.9	57.7	13	67	0.47	4.63
HBK 3443	56.2	67.1	61.7	57.9	59.0	33	57	1.17	5.37
PIONEER XW07B	71.5	51.0	61.3	60.7	57.2	20	40	0.77	4.00
PIONEER 26R87	57.0	65.3	61.1	59.4	56.8	13	20	0.63	1.90
USG 3350	65.8	55.4	60.6	58.4	56.3	37	60	1.93	3.57
DELTA KING DK9108	59.3	58.3	58.8	58.4	56.4	33	70	2.10	4.87
AGS 2031	55.4	59.6	57.5	57.6	59.6	100	53	2.20	4.87
COKER 9700	62.2	51.3	56.7	58.2	56.7	23	47	0.87	3.77
TERRAL LA482	64.0	49.4	56.7	58.4	59.2	10	43	0.47	3.00
AGS 2055	58.3	53.3	55.8	59.9	58.7	10	10	0.57	0.67
DELTA GROW 5200	50.2	49.2	49.7	59.2	57.8	23	57	0.93	3.33
MEAN	**66.6**	**62.1**	**64.4**	**58.5**	**57.9**	**18.5**	**39.2**	**0.75**	**2.67**
LSD (0.10)									

Comparison of Chemical versus No Chemical. *, ns indicate significant or non-significant differences.

	Grain Yield		Test Wt		Hessian Fly Incidence		Hessian Fly Count	
Cruiser + Karate	66.6	*	58.5	*	18.0	*	0.74	*
No Chemical	62.1		57.9		39.0		2.67	

Significance of Model Effects *, ns indicate significant or non-significant differences.

	Grain Yield	Test Wt	Hessian Fly Incidence	Hessian Fly Count
Variety	*	ns	*	*
Variety x Chemical	ns	ns	ns	ns

Correlations Among Variables

	Yield		Test Wt	
Hessian Fly Incidence	-0.46	**	ns	
Hessian Fly Incidence	-0.39	**	ns	

Table 29. Oat variety trial across Louisiana (Baton Rouge, Bossier City, and Winnsboro), 2009.

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	**120.5**	**31.4**	**3.0**	**7.0**	**4.5**	**5.0**	**84**	**40**	**2.0**	**0**	**0.5**	**4.0**
FL0115-J2	114.9	31.4	3.5	4.0	5.5	4.0	89	44	0.4	0	0.5	3.5
FL99212-D6	113.8	30.1	2.3	4.5	4.0	5.0	89	42	1.8	0	1.0	4.2
TX05CS347-1	113.5	32.8	2.0	3.5	7.0	3.0	89	43	1.0	0	2.5	3.7
LA97006GSB-59-2-4-SBS1	111.8	31.4	2.5	6.0	4.0	5.0	88	40	2.6	0	1.5	4.5
LA99017	**110.0**	**32.1**	**2.8**	**4.0**	**7.0**	**3.0**	**91**	**52**	**1.6**	**0**	**0.5**	**4.7**
LA03046SBS7-B-S1	109.3	31.7	2.3	6.5	5.0	5.5	88	41	1.2	0	1.0	4.0
LA99016	**109.0**	**32.7**	**2.3**	**5.0**	**7.0**	**3.0**	**88**	**48**	**3.6**	**0**	**1.5**	**4.3**
TX02U7682	107.5	31.2	3.0	4.5	5.5	4.0	81	40	2.6	0	0.5	4.0
HORIZON LA976	**101.8**	**34.0**	**2.5**	**6.5**	**5.5**	**4.5**	**88**	**47**	**6.8**	**0**	**0.5**	**3.8**
LA03063SBSBSB-S4	101.3	31.8	2.5	5.5	5.5	4.5	79	38	0.8	0	1.5	4.2
LA02035-I-J1	99.9	32.3	1.0	7.0	5.0	4.0	89	47	1.0	0	0.5	4.5
HORIZON 201	**99.2**	**31.0**	**3.0**	**4.0**	**6.0**	**3.5**	**87**	**48**	**4.2**	**0**	**3.5**	**4.7**
TX05CS556	98.6	30.6	3.5	2.5	4.5	5.0	81	39	4.4	0	4.5	4.3
TX02U7490	95.4	30.0	2.5	5.5	5.0	4.5	83	44	2.8	0	1.0	4.3
FL99153FBS-45-1-B-S-B-S1-B-S1	95.0	33.2	1.3	5.0	7.0	3.0	93	43	1.6	0	0.5	4.3
TERRAL TROPHY	**94.8**	**33.3**	**2.3**	**5.0**	**5.0**	**3.5**	**87**	**45**	**5.6**	**0**	**2.0**	**3.9**
TX02U7473	92.4	30.7	3.5	6.0	6.0	4.0	80	44	3.4	0	0.5	3.7
PLOT SPIKE LA9339	**90.7**	**31.0**	**3.0**	**4.0**	**5.0**	**4.0**	**94**	**48**	**2.8**	**0**	**1.5**	**4.3**
LA03060SBSBSB-S1	78.6	31.1	3.0	4.5	4.0	5.0	78	41	7.8	0	1.5	5.2
BROOKS	**60.9**	**27.1**	**7.0**	**4.0**	**5.5**	**3.5**	**87**	**45**	**8.6**	**80**	**1.0**	**5.2**
LA02010SBSBSBSB-S1 (NUDA)	55.1	38.6	2.5	7.0	7.5	3.0	86	49	4.4	20	1.0	5.1
Mean	98.9	31.8	**2.7**	**5.1**	**5.5**	**4.1**	**86**	**44**	**3.2**	**5**	**1.3**	**4.3**
CV	**12.9**	**2.5**					**2**	**5**				**10**
LSD	18.5	1.6					**2**	**2**				**1.2**

Baton Rouge, Bossier City, 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 30. Oat variety trial across Louisiana for two years, 2008 and 2009.

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	**127.2**	**32.6**	**2.8**	**4.6**	**4.3**	**5.6**	**85**	**41**	**1.0**	**0**	**1.4**	**4.2**
FL99212	120.5	31.7	2.0	3.2	4.3	5.3	91	42	1.0	0	2.0	4.6
TX02U7682	119.5	32.7	2.9	2.8	5.5	4.3	83	43	1.4	0	0.8	4.1
LA97006GSB-59-2-4-SBS1	119.5	32.8	2.4	3.8	4.4	4.8	90	40	1.4	0	1.4	4.3
LA03046SBS7-B-S1	118.2	33.5	2.3	4.2	4.5	5.3	90	41	0.8	0	1.2	4.3
LA99016	**116.5**	**34.1**	**2.3**	**2.6**	**6.6**	**3.4**	**91**	**49**	**1.8**	**0**	**1.8**	**4.3**
LA99017	**111.9**	**33.0**	**2.8**	**2.6**	**6.9**	**3.5**	**95**	**53**	**0.8**	**0**	**1.4**	**4.6**
HORIZON LA976	**111.6**	**34.6**	**2.5**	**3.4**	**5.5**	**4.3**	**91**	**46**	**3.3**	**0**	**1.6**	**3.6**
TX02U7490	109.8	31.0	2.4	2.8	5.0	4.8	85	44	1.6	0	1.0	4.2
FL99153FBS-45-1-B-S-B-S1-B-S1	109.6	34.9	1.1	2.8	6.1	3.4	94	43	0.8	0	1.2	4.1
HORIZON 201	**107.5**	**32.2**	**2.6**	**2.8**	**5.6**	**3.5**	**89**	**49**	**2.5**	**0**	**3.2**	**4.6**
TX02U7473	**104.9**	**32.5**	**3.3**	**3.0**	**5.6**	**4.0**	**82**	**46**	**2.1**	**0**	**0.6**	**3.6**
TERRAL TROPHY	**102.9**	**34.3**	**2.3**	**3.0**	**4.8**	**3.9**	**89**	**46**	**3.0**	**0**	**3.0**	**3.9**
PLOT SPIKE LA9339	**99.3**	**32.1**	**2.6**	**2.6**	**5.1**	**3.9**	**98**	**46**	**1.2**	**1**	**2.8**	**4.5**
BROOKS	**61.1**	**28.1**	**6.0**	**3.0**	**4.9**	**4.1**	**89**	**47**	**7.2**	**75**	**3.2**	**5.1**
Mean	109.3	32.7	**2.7**	**3.1**	**5.3**	**4.3**	**90**	**45**	**2.0**	**5**	**1.8**	**4.3**
CV	**11**	**3**	**22**	**18**	**9**	**11**	**1**	**6**	**65**	**51**	**41**	**11**
LSD	13.0	1.5	**0.6**	**NS**	**0.8**	**0.8**	**2**	**3**	**1.2**	**3**	**1.3**	**0.7**

Data from Baton Rouge and Winnsboro, LA for 2008 and 2009; and Bossier City for 2009.

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 31. Oat variety trial across Louisiana for three years, 2007, 2008 and 2009.

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	**126.6**	**33.3**	**2.8**	**5.3**	**4.5**	**5.6**	**86**	**38**	**0.8**	**0**	**1.3**	**4.3**
FL99212	122.6	32.3	2.1	3.3	4.2	5.3	91	42	0.8	0	2.2	4.6
TX02U7682	122.3	33.2	2.9	3.6	5.5	4.3	84	41	1.2	0	0.6	4.2
LA99016	**120.8**	**34.8**	**2.3**	**3.7**	**6.6**	**3.4**	**91**	**47**	**1.3**	**0**	**1.6**	**4.0**
Horizon 201	**114.7**	**32.7**	**2.7**	**2.7**	**5.4**	**3.5**	**89**	**47**	**1.8**	**0**	**3.2**	**4.4**
TERRAL TROPHY	**108.1**	**34.9**	**2.2**	**3.3**	**4.8**	**3.9**	**89**	**44**	**2.2**	**0**	**2.8**	**4.0**
TX02U7473	106.7	33.0	3.2	3.9	4.9	4.0	82	45	1.7	0	0.4	3.8
PLOT SPIKE LA9339	**103.2**	**32.9**	**2.8**	**3.1**	**5.1**	**3.9**	**97**	**45**	**0.9**	**0**	**2.5**	**4.2**
BROOKS	**66.7**	**28.7**	**5.4**	**3.1**	**5.1**	**4.1**	**89**	**45**	**5.7**	**74**	**2.8**	**4.9**
Mean	110.3	32.9	**2.9**	**3.6**	**5.1**	**4.2**	**89**	**44**	**1.8**	**8**	**1.9**	**4.3**
CV	**10**	**3**	**18**	**19**	**11**	**12**	**1**	**5**	**71**	**41**	**40**	**11**
LSD	10.9	1.3	**0.9**	**1.4**	**0.8**	**0.7**	**2**	**2**	**1.0**	**3**	**1.0**	**0.6**

Data from Baton Rouge and Winnsboro, LA for 2008 and 2009; and Bossier City for 2009.

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 32. Oat variety trial Baton Rouge, LA, 2009.

Brand / variety	Grain Yield	Test Weight	Seed Qual	Grow Habit	Wint Stress	Leaf-iness	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
TX02U7682	111.6	32.3	3.0	5.5	4.5	4.0	82	45	1.0	0	0.5	4.0
HORIZON 270	**111.4**	**33.3**	**3.0**	**4.5**	**7.0**	**5.0**	**84**	**42**	**2.0**	**0**	**0.5**	**4.5**
FL0115-J2	107.8	32.5	3.5	5.5	4.0	4.0	88	45	0.0	0	0.5	3.5
LA99017	**104.4**	**34.2**	**2.8**	**7.0**	**4.0**	**3.0**	**93**	**56**	**3.5**	**0**	**0.5**	**3.8**
LA97006GSB-59-2-4-SBS1	98.3	33.3	2.5	4.0	6.0	5.0	85	41	2.5	0	1.5	4.5
TX05CS347-1	98.0	33.4	2.0	7.0	3.5	3.0	90	43	1.0	0	2.5	3.3
LA03063SBSBSB-S4	97.3	33.1	2.5	5.5	5.5	4.5	78	39	1.0	0	1.5	4.3
FL99212-D6	96.9	30.8	2.3	4.0	4.5	5.0	86	42	1.5	0	1.0	4.8
LA99016	**93.4**	**34.4**	**2.3**	**7.0**	**5.0**	**3.0**	**86**	**48**	**3.5**	**0**	**1.5**	**4.2**
LA02035-I-J1	92.5	35.2	1.0	5.0	7.0	4.0	89	49	1.0	0	0.5	4.5
LA03046SBS7-B-S1	89.2	33.1	2.3	5.0	6.5	5.5	87	42	1.5	0	1.0	4.0
FL99153FBS-45-1-B-S-B-S1-B-S	87.7	35.6	1.3	7.0	5.0	3.0	95	48	3.0	0	0.5	3.5
TX05CS556	84.0	31.6	3.5	4.5	2.5	5.0	78	39	5.0	0	4.5	5.0
TX02U7473	79.7	31.6	3.5	6.0	6.0	4.0	80	49	3.0	0	0.5	4.3
TX02U7490	76.3	30.6	2.5	5.0	5.5	4.5	84	47	3.5	0	1.0	4.7
Horizon 201	**74.3**	**32.2**	**3.0**	**6.0**	**4.0**	**3.5**	**84**	**51**	**5.0**	**0**	**3.5**	**3.8**
HORIZON LA976	**71.2**	**35.6**	**2.5**	**5.5**	**6.5**	**4.5**	**85**	**49**	**6.5**	**0**	**0.5**	**4.2**
TERRAL TROPHY	**68.0**	**34.0**	**2.3**	**5.0**	**5.0**	**3.5**	**86**	**47**	**4.0**	**0**	**2.0**	**3.8**
PLOT SPIKE LA9339	**66.8**	**31.7**	**3.0**	**5.0**	**4.0**	**4.0**	**93**	**49**	**2.0**	**0**	**1.5**	**3.7**
LA03060SBSBSB-S1	54.2	31.8	3.0	4.0	4.5	5.0	74	44	8.0	0	1.5	5.3
LA02010SBSBSBSB-S1	20.6	37.7	2.5	7.5	7.0	3.0	85	52	8.0	20	1.0	4.7
BROOKS	**13.1**	**24.2**	**7.0**	**5.5**	**4.0**	**3.5**	**85**	**49**	**8.0**	**80**	**1.0**	**5.8**
Mean	**81.7**	**32.8**	**2.8**	**5.5**	**5.1**	**4.1**	**85**	**46**	**3.4**	**5**	**1.3**	**4.3**
CV	**17**	**2**	**21**	**8**	**10**	**9**	**1**	**3**	**24**	**33**	**76**	**7**
LSD	**16.3**	**0.9**	**0.7**	**0.7**	**0.9**	**0.6**	**2**	**3**	**1.4**	**3**	**1.7**	**0.5**

Ben Hur Research Farm, Central Research Stations. Steve Harrison, Kelly Arceneaux, glenn Schexnayder, and Katie McCarthy.

Planted 11/16/2008. Harvested 5/14/2009. 0.40 oz/acre Amber herbicide + 4.75 oz/acre Harmony X. 0-0-60 preplant fertilizer, 65-0-0 topdress N.

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 variety trial at Bossier City, LA in 2009.

Brand / variety	Grain Yield	Test Weight	Head Day	Plant Ht	Lodging Score
	bu/a	lbs/bu	of yr	in	0-9
TX05CS347-1	138.7	31.9	84	45	1.0
LA99017	**131.2**	**29.3**	**86**	**56**	**0.3**
LA97006GSB-59-2-4-SBS1	130.3	27.8	84	42	2.7
FL0115-J2	127.6	28.2	84	48	0.7
HORIZON 270	**125.9**	**28.9**	**80**	**42**	**2.0**
LA03046SBS7-B-S1	122.9	28.6	83	43	1.0
FL99212-D6	121.8	28.4	86	46	2.0
HORIZON LA976	**116.7**	**30.5**	**85**	**51**	**7.0**
LA99016	**114.8**	**30.5**	**82**	**53**	**3.7**
Horizon 201	**110.4**	**28.0**	**81**	**50**	**3.7**
TX05CS556	107.0	28.3	76	42	4.0
LA02035-I-J1	106.3	29.8	86	51	1.0
TERRAL TROPHY	**103.7**	**31.3**	**80**	**46**	**6.7**
PLOT SPIKE LA9339	**100.6**	**29.1**	**92**	**51**	**3.3**
FL99153FBS-45-1-B-S-B-S1-B-S1	98.3	31.2	86	45	0.7
TX02U7490	97.5	27.8	79	46	2.3
LA02010SBSBSBSB-S1 (NUDA)	90.6	37.2	81	52	2.0
TX02U7682	89.9	28.4	76	40	3.7
LA03063SBSBSB-S4	89.6	29.5	75	39	0.7
TX02U7473	84.0	27.8	75	46	3.7
BROOKS	**78.1**	**29.0**	**82**	**46**	**9.0**
LA03060SBSBSB-S1	75.2	28.6	73	42	7.7
Mean	**106.7**	**29.6**	**82**	**47**	**3.1**
CV	**13**	**3**	**2**	**5**	**72**
LSD	**19.6**	**1.2**	**2**	**3**	**3.1**

Cultural and Site: Planted: Oct 21, 2008. Fertilizer: 30-0-0 on Jan 30 and Feb 20, 2009. Herbicide: 0.33 oz/acre Glean. Harvested on May 29, 2009.

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

Lodging: 0 = none, 9 = severe

Table 34. Oat variety trial at Winnsboro, LA in 2009.

Brand / variety	Grain Yield	Test Weight	Head Day	Plant Ht	Lodging Score
	bu/a	lbs/bu	of yr	in	0-9
HORIZON 270	**125.6**	**31.4**	**87**	**35**	**3.5**
FL99212-D6	124.8	30.7	93	37	3.5
LA99016	**121.8**	**32.8**	**93**	**42**	**4.5**
HORIZON LA976	**121.3**	**34.1**	**93**	**41**	**3.5**
LA03046SBS7-B-S1	119.2	32.6	93	37	4.0
TX02U7682	116.5	32.3	85	37	4.0
LA97006GSB-59-2-4-SBS1	116.0	32.1	93	36	4.5
HORIZON 201	**115.7**	**32.1**	**93**	**41**	**5.5**
TERRAL TROPHY	**114.9**	**34.0**	**92**	**41**	**4.0**
LA03063SBSBSB-S4	114.0	32.2	83	34	4.0
TX02U7490	113.1	30.6	86	39	4.0
FL0115-J2	112.5	32.6	94	37	3.5
TX02U7473	111.5	31.9	83	37	3.0
TX05CS347-1	110.0	33.0	94	38	4.0
PLOT SPIKE LA9339	**107.3**	**31.7**	**97**	**43**	**5.0**
TX05CS556	107.0	31.4	86	34	3.5
LA03060SBSBSB-S1	105.5	32.2	84	38	5.0
LA99017SBSBSB-275-C-B-S2	105.1	32.2	95	43	5.5
LA02035-I-J1	104.1	31.2	93	41	4.5
FL99153FBS-45-1-B-S-B-S1-B-S1	100.0	32.4	96	36	5.0
BROOKS	**95.8**	**29.4**	**91**	**39**	**4.5**
LA02010SBSBSBSB-S1	71.8	40.5	90	42	5.5
Mean	**110.6**	**32.4**	**90**	**38**	**4.3**
CV	**10**	**3**	**2**	**4**	**12**
LSD	**13.2**	**1.0**	**2**	**3**	**0.9**

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

Cultural and Site: Gigge Silt Loam. Planted: 11-10-2008. Harvested 5-25-2009.

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

Lodging: 0 = none, 9 = severe

Table 35. 2008-09 USDA Uniform Winter Oat Yield Nursery at Baton Rouge, LA.

Cooperator: S Harrison, K. Arceneaux, K McCarthy, G Schexnayder **No. Reps: 3** **Plot size (ft2): 70** **Plant: 11/16/08** **Harv: 5/14/2009**

Entry	Designation	Grain Yield		Test weight	Grow Habit	Head Day	Wint Stress	Leaf iness	Plt Ht	Lodging	Crown rust	Stem Rust	Pheno type
		bu/A	rnk	lb/bu	0-9	of yr	0-9	0-9	in	0-9	%	0-9	0-9
21	TX02U7682	137.0	1	32.6	4.5	79.5	5.0	4.0	48	0.5	0.0	0.0	4.0
5	FL99212-D6	134.1	2	31.5	4.5	85.0	4.0	4.0	47	0.5	0.0	0.5	3.7
12	LA02035-J1	115.8	3	35.1	7.0	87.5	5.5	4.0	52	3.5	0.0	0.0	4.3
6	FL0115-J2	115.2	4	32.2	4.0	87.0	5.0	4.5	47	1.5	0.0	0.0	3.8
20	TX02U7490	114.2	5	30.9	5.0	83.5	5.0	4.5	51	4.5	0.0	0.0	4.2
10	FL03167BSBS-3	113.1	6	32.8	5.0	70.0	5.0	4.5	38	1.5	0.0	0.0	4.3
13	LA03046SBS7-B-S1	110.6	7	33.0	6.5	84.0	4.5	5.0	45	1.5	0.0	0.0	4.2
22	TX05CS347-1	105.3	8	33.0	3.5	89.0	7.5	3.0	45	1.0	0.0	0.5	3.5
14	LA04004SBSB-61-B-S1	104.1	9	35.3	5.5	84.5	7.0	4.0	48	3.5	0.0	0.0	3.8
7	FL0210-J1	103.9	10	33.9	7.0	88.5	5.0	4.0	53	2.0	0.0	0.0	4.5
16	NC03-2421	102.9	11	28.7	3.0	88.0	6.5	3.5	48	1.0	0.0	1.5	4.3
11	LA97006GSB-59-2-4-SBS1	99.6	12	33.1	5.5	84.0	4.0	4.5	46	3.5	0.0	0.0	3.8
4	Horizon 201	97.7	13	32.4	3.5	85.0	6.0	3.0	55	3.5	0.0	0.5	3.8
9	FL99153FBS-45-1-B-S-B-S1-B-S1	92.6	14	36.2	5.0	91.5	6.5	3.0	50	2.5	0.0	0.0	3.7
19	TX02U7325	91.5	15	29.7	4.0	76.5	6.5	4.5	45	5.5	0.0	0.0	4.2
24	TX05CS556	87.7	16	30.5	4.0	78.0	5.0	5.0	42	6.0	0.0	2.0	4.5
3	Harrison	81.7	17	32.8	3.5	90.0	6.5	3.5	53	4.0	0.5	1.0	4.0
23	TX05CS542	76.5	18	31.0	2.5	75.0	7.0	3.5	45	6.5	0.0	1.5	4.0
15	NC01-3497	75.4	19	28.8	2.0	89.0	7.0	3.5	49	3.5	15.0	3.0	4.2
2	TAMO 406	72.1	20	34.1	7.5	88.0	6.5	5.0	49	3.5	0.0	0.0	4.3
8	FLQR1805-J12	64.2	21	30.5	4.5	82.0	2.5	4.5	52	4.5	0.0	1.5	4.2
17	NC03-2567v	50.0	22	31.4	3.5	84.0	5.5	4.0	47	5.5	12.5	3.0	4.5
18	NC05-5460y	45.1	23	30.5	3.5	89.0	7.0	2.5	46	8.0	22.5	0.5	3.8
1	Rodgers	41.1	24	26.4	3.5	90.5	7.5	3.5	52	4.5	10.0	1.0	4.2
	Mean	**93.0**		**31.9**	**4.5**	**84.5**	**5.7**	**4.0**	**48**	**3.4**	**2.5**	**0.7**	**4.1**
	CV	**15**		**2**	**10**	**2**	**8**	**15**	**2**	**46**	**72**	**170**	**9**
	LSD (0.10)	**22.9**		**1.1**	**1.0**	**3.0**	**1.0**	**1.2**	**2.0**	**3.2**	**3.7**	**2.4**	**0.8**

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

Growth Habit is mid-winter rating where 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 36. SUNOAT at Baton Rouge, LA, 2009.

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
FL04155-S06-31-B-S1	8	139.4	1	37.5	1	1.5	6.0	3.5	3.5	84	49	4.0	0	0.0	3.3
FL03167BSB-2-B-S1	7	130.8	2	35.1	6	2.5	3.5	4.5	4.5	75	48	6.5	0	1.0	4.7
HORIZON 270 CK	**16**	**125.9**	**3**	**33.1**	**25**	**1.5**	**4.0**	**5.0**	**7.0**	**84**	**40**	**1.0**	**0**	**0.5**	**4.7**
FL03211-L2	35	122.7	4	33.3	21	2.0	4.0	4.0	6.0	87	52	5.5	0	0.5	4.8
FL0115-J2-B-S1	1	122.6	5	32.6	32	3.5	4.0	4.0	4.5	86	46	1.5	0	0.5	3.7
LA03012SBSBSB-61	10	118.9	6	34.1	15	2.0	4.5	3.0	8.0	90	51	4.5	0	0.0	4.5
LA04018SBSB-86	15	118.2	7	34.5	9	3.0	6.0	3.0	6.0	88	47	3.5	0	0.5	3.3
TX07CS1589	26	117.0	8	32.9	27	1.0	8.0	2.5	3.5	88	51	6.5	0	0.5	3.0
HORIZON 201 CK	**45**	**116.8**	**9**	**32.8**	**29**	**2.0**	**5.0**	**4.0**	**3.5**	**85**	**51**	**2.5**	**0**	**0.5**	**4.0**
TX07CS1948	18	116.1	10	35.4	4	1.5	7.5	3.0	5.5	87	44	2.5	0	1.0	3.8
FL03199-L1	32	114.7	11	32.9	28	3.0	5.0	5.5	4.5	74	38	4.0	0	0.0	4.7
TX07CS2795	19	114.0	12	28.6	44	2.5	5.0	3.5	4.5	84	45	6.0	0	0.0	4.0
LA04018SBSB-19	13	113.4	13	31.8	37	3.5	5.5	4.0	4.0	88	48	6.5	0	1.5	4.5
TX07CS2765	20	113.0	14	32.3	33	2.5	3.5	4.0	6.0	81	47	4.0	0	1.0	4.0
FL03053-S06-15-B-S1B	3	112.1	15	33.4	17	2.0	4.5	3.5	4.0	74	43	8.0	0	0.0	4.7
LA04018SBSB-181	12	111.9	16	32.8	31	3.5	5.0	4.0	5.0	88	47	3.0	0	1.0	4.0
TX07CS2235	22	111.9	17	35.1	7	1.0	8.0	3.0	3.0	84	45	1.5	0	0.0	3.7
TX07CS3697	28	111.6	18	32.8	30	2.5	5.5	3.0	5.0	90	49	1.5	0	0.5	4.0
LA03040SBSBSB-83	11	110.1	19	34.4	11	1.5	4.5	3.5	5.0	87	50	3.5	0	1.5	3.3
FL0238BSB-22	2	108.3	20	33.3	22	1.0	4.5	4.0	6.5	88	44	2.5	1	1.0	4.3
FL03166-L7	37	107.6	21	35.7	3	2.0	7.0	3.0	3.0	84	45	6.5	0	1.0	3.5
TAMO406 CK	**29**	**106.4**	**22**	**34.1**	**14**	**2.0**	**5.5**	**3.0**	**5.0**	**89**	**50**	**6.5**	**0**	**0.5**	**3.7**
FL03166-L3	36	105.9	23	37.1	2	1.5	5.5	4.5	3.0	79	48	4.0	0	1.0	4.2
TX07CS2796	24	105.6	24	31.5	38	2.5	6.5	3.5	4.5	78	48	7.0	0	0.5	3.3
FL03068-K2	44	104.0	25	30.3	40	1.5	5.0	4.0	4.0	84	43	5.0	0	1.5	3.8
FL04126-L3	31	102.8	26	34.5	10	2.5	5.0	3.5	3.5	84	50	7.5	0	3.0	4.0
TX07CS3489	27	102.0	27	31.4	39	2.5	5.5	4.0	5.5	82	52	3.0	0	0.5	3.7
LA04018SBSB-73	14	100.1	28	33.4	18	3.5	5.5	3.0	2.5	89	50	5.5	1	2.0	4.2
TX07CS1254	17	99.9	29	29.1	42	3.5	7.0	4.0	4.5	78	46	6.5	1	1.0	4.3
TX07CS2140	21	97.7	30	30.2	41	2.5	5.5	3.5	3.5	85	45	4.0	0	2.0	4.3
FL04154-L3	33	97.2	31	28.9	43	2.0	5.0	3.5	6.0	96	52	2.0	1	0.5	4.2
LA03012SBSBSB-12	9	96.3	32	34.3	12	2.0	4.5	5.0	7.5	90	45	4.0	0	1.0	4.8
FL04187-L1	41	95.0	33	33.3	23	2.0	3.5	4.0	4.5	86	53	6.0	0	0.5	4.0
FL03167BSB-145	5	94.7	34	33.0	26	2.5	7.0	4.0	4.0	81	45	3.0	0	0.0	4.7
TX07CS1584	23	94.5	35	34.2	13	1.0	7.5	3.0	5.5	87	48	7.0	0	0.5	3.5
FL03167BSB-147	6	92.1	36	33.2	24	3.0	6.0	4.5	4.5	81	47	5.0	0	0.5	4.5
FL03129-Ab7	30	88.6	37	34.6	8	2.0	4.5	3.5	5.5	85	49	7.0	0	0.5	3.5
FL03117-L6	34	88.6	38	32.1	36	3.0	3.0	4.5	5.5	73	47	7.0	0	0.0	4.8
FL0046-E7	43	82.9	39	33.7	16	2.5	4.5	4.5	4.5	81	48	5.5	0	0.5	5.0
FL04187-L4	42	82.6	40	32.1	34	2.5	5.0	4.0	4.0	89	52	3.0	0	1.5	4.0
TX07CS1805	25	79.1	41	33.4	20	1.5	3.5	4.0	7.0	83	49	6.5	0	1.0	3.8
FL04136-L2	39	71.9	42	28.5	45	2.5	5.5	4.0	3.5	85	51	5.5	0	1.5	4.3
FL04121-L3	38	69.2	43	33.4	19	2.0	5.0	3.0	3.5	85	53	6.0	0	2.5	4.3
FL03146BSB-S1-B-S1	4	64.8	44	35.2	5	2.0	6.0	3.0	3.5	75	47	7.5	0	1.0	3.8
FL04157-L2	40	49.1	45	32.1	35	3.0	2.0	5.5	6.0	69	44	7.0	0	1.5	5.3
Mean		**103.6**		**33.0**		**2.2**	**5.2**	**3.8**	**4.7**	**84**	**47**	**4.8**	**0**	**0.8**	**4.1**
CV		**10**		**2**		**30**	**11**	**20**	**21**	**2**	**5**	**26**	**331**	**71**	**10**
LSD		**19.9**		**1.4**		**1.2**	**1.0**	**1.3**	**1.7**	**2**	**4**	**2.1**	**0**	**1.0**	**0.7**

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

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 37. Oat Prelim-A (Sunoat) at Winnsboro, LA in 2009.

Brand / variety	Grain Yield	Test Weight	Head Day	Plant Ht	Lodging score	Phenotype
	bu/a	lbs/bu	of yr	in	0-9	0-9
FL0115-J2-B-S1	139.5	32.2	92	38	2	3.0
FL0238BSB-22	134.5	31.8	93	34	0	5.0
FL04155-S06-31-B-S1	133.1	34.7	93	37	6	4.0
HORIZON 270 CK	**130.9**	**32.2**	**52**	**34**	**0**	**4.0**
FL03053-S06-15-B-S1B	129.6	33.5	85	37	4	4.0
LA04018SBSB-86	126.2	32.0	94	38	0	5.0
LA04018SBSB-181	126.1	31.5	93	39	2	4.0
LA04018SBSB-19	124.2	33.2	95	36	0	6.0
LA03040SBSBSB-83	122.0	32.9	93	38	0	5.0
LA03012SBSBSB-12	120.9	31.3	96	38	0	6.0
LA04018SBSB-73	120.3	33.6	94	38	0	4.0
LA03012SBSBSB-61	120.1	32.8	96	38	0	5.0
FL03167BSB-2-B-S1	112.6	33.8	83	36	0	4.0
FL03146BSB-S1-B-S1	105.3	35.1	81	37	6	2.0
FL03167BSB-147	102.2	33.7	84	35	0	4.0
FL03167BSB-145	101.0	33.3	84	35	0	5.0
Mean	**121.8**	**32.9**	**87**	**37**	**1**	
CV	**12**	**3**	**14**	**5**	**188**	
LSD	**24.7**	**1.9**	**23**	**4**	**4**	

Cultural and Site: Planted:

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

Lodging: 0 = none, 9 = severe

Table 38. Oat Prelim-B at Baton Rouge, LA, 2009.

Brand / variety	Grain Yield	Test Weight	Seed Qual	Grow Habit	Wint Stress	Leaf-iness	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	**129.9**	**34.4**	**2.5**	**3.0**	**7.0**	**5.5**	**84**	**43**	**3.5**	**0**	**0.5**	**4.0**
FL0522-FLID-B-S-B-S-92-S1	128.9	38.2	3.0	5.5	2.5	3.0	84	47	5.5	0	0.5	3.7
LA05006GSBS-65-S1	128.2	34.0	3.0	5.0	4.5	4.5	91	44	2.0	0	1.0	3.8
LA99016	**121.8**	**35.1**	**3.0**	**6.5**	**6.0**	**3.5**	**89**	**47**	**4.0**	**0**	**1.0**	**4.0**
LA99017SBSBSB-275-C-B-S2	118.3	34.8	3.0	6.5	4.0	3.5	92	59	2.5	0	0.5	4.3
LA04004SBSB-113	111.2	33.6	4.0	6.5	7.5	5.0	85	44	2.5	0	1.0	4.3
LA04004SBSB-121	111.2	34.8	3.5	6.0	6.0	4.0	86	49	5.0	0	0.5	4.2
LA03018SBSBSB-81-S1	106.8	29.4	3.5	5.0	4.5	3.0	93	51	5.5	0	1.0	3.8
LA05011GSBS-56-S1	106.1	33.0	2.0	5.5	7.0	5.0	85	46	4.5	0	0.5	4.7
LA06059SBS-84-S1	104.2	31.6	3.0	6.5	5.0	4.0	83	40	2.0	0	0.0	3.7
TROPHY	**101.7**	**33.8**	**4.0**	**5.0**	**5.0**	**4.0**	**87**	**47**	**4.0**	**0**	**1.5**	**3.7**
LA03018SBSBSB-65-S1	101.4	28.3	2.5	6.0	6.0	2.5	96	46	3.0	0	0.5	3.5
LA05006GSBS-7-S1	100.1	31.2	3.0	5.5	3.5	4.0	86	46	4.0	0	0.5	4.7
LA06053SBS-6-S1	100.0	32.1	2.5	6.5	6.5	4.0	85	41	2.5	0	0.5	3.7
LA06058SBS-32-S1	99.9	31.3	2.0	5.0	6.5	4.5	83	48	4.0	0	0.0	5.0
LA03046SBS7-B-S1-B1-S1	93.3	33.1	2.5	5.5	4.0	3.5	83	39	5.5	0	0.5	4.8
LA03012SBSBSBS-B-S1-11-S1	90.5	35.8	3.0	4.5	7.0	4.5	88	45	2.5	0	1.0	4.5
LA05006GSBS-5-S1	85.8	34.3	3.0	7.5	7.0	4.5	81	45	3.5	0	0.5	4.7
LA04022SBSBS-54	80.4	31.9	4.0	4.5	5.0	4.5	79	42	5.0	0	2.0	4.8
LA9339	**76.7**	**32.3**	**2.5**	**4.5**	**4.5**	**5.0**	**92**	**48**	**2.5**	**0**	**0.5**	**4.2**
LA02018SBSBS5-B-S1-G-S1-S1	73.1	33.0	4.0	2.0	3.5	3.5	81	45	7.0	0	0.5	4.8
LA05006GSBS-178-S1	70.3	29.5	2.5	7.0	3.0	4.5	97	47	1.0	0	0.5	3.8
LA03060SBSBSBS-3-S1	67.2	31.3	3.5	2.5	4.0	5.0	77	44	6.0	0	1.0	5.3
FL03167BSBS-BS-6-S1	63.0	31.0	1.5	5.5	4.5	4.5	91	47	6.5	0	3.0	4.7
Mean	**97.2**	**32.8**	**3.0**	**5.3**	**5.2**	**4.1**	**86**	**46**	**3.9**	**0**	**0.8**	**4.3**
CV	**14**	**2**	**15**	**12**	**25**	**20**	**2**	**6**	**47**		**87**	**11**
LSD	**26.6**	**1.3**	**0.7**	**1.1**	**2.2**	**1.4**	**2**	**5**	**3.2**	**0**	**1.2**	**0.8**

Ben Hur Research Farm, Central Research Stations. Steve Harrison, Kelly Arceneaux, glenn Schexnayder, and Katie McCarthy.

Planted 11/16/2008. Harvested 5/14/2009. 0.40 oz/acre Amber herbicide + 4.75 oz/acre Harmony X. 0-0-60 preplant fertilizer, 65-0-0 topdress N.

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 39. Nuda Elite oat trial at Baton Rouge, LA in 2009.

Brand / variety	Grain Yield	Test Wt	Nuda Pct	Seed Qual	Wint Stress	Leaf iness	Head Day	Plant Ht	Lod	Crown Rust	Stem Rust	Pheno type
	bu/a	lbs/bu	%	0-9	0-9	0-9	of yr	in	0-9	0-9	0-9	0-9
Horizon 270	**102.8**	**34.9**	**0.0**	**4.5**	**6.0**	**5.0**	**83**	**44**	**3.0**	**0.0**	**1.5**	**4**
FL04178-FLID-B-S-2	60.3	40.8	98.0	6.0	3.0	5.0	73	43	7.0	0.0	1.0	4
Horizon 201	**59.2**	**33.6**	**0.0**	**4.5**	**2.0**	**5.0**	**86**	**53**	**5.5**	**0.0**	**1.0**	**4**
LA02012-S-B-139-S2-B-S1-1	56.3	37.7	96.5	4.0	3.5	5.5	80	45	7.5	0.0	0.5	4
LA02012-S-B-139-S2-B-S1	52.0	40.7	97.0	4.0	3.5	5.5	79	45	7.5	0.0	0.5	4
Caballo	**50.6**	**34.3**	**90.0**	**4.0**	**2.0**	**5.0**	**83**	**46**	**5.5**	**4.5**	**2.0**	**4**
LA02012-S-B-139-S2-B-S2-B-S2	50.0	41.9	98.0	4.0	4.0	5.0	78	46	8.0	0.0	1.5	4
Buff	**47.1**	**44.7**	**98.5**	**4.0**	**3.0**	**4.0**	**80**	**49**	**4.0**	**1.0**	**1.5**	**5**
LA03066S-K1	45.7	44.2	98.5	3.0	3.5	4.0	91	45	1.5	1.0	1.0	5
LA99012SBSBS-3-3-B-S-B-S2-B-S3	41.0	42.5	98.0	5.0	2.0	6.0	79	45	7.0	0.0	1.0	4
LA02012SBSBSBSBS-9-B-S1	39.0	41.7	95.5	5.0	2.5	5.0	76	48	7.0	0.0	1.5	4
LA0210SBSBSBSB-S1	38.1	39.9	94.0	3.5	4.5	6.5	86	51	7.0	4.0	1.0	4
FL04112-L5	36.8	43.0	97.5	4.5	3.5	4.0	73	44	6.0	0.0	1.0	5
FL04112-L6	33.2	43.3	98.0	3.0	3.0	4.5	74	46	7.0	0.0	1.5	5
FL99155-P1	31.3	39.2	96.0	4.5	2.5	6.0	84	47	5.5	0.0	2.5	4
FL03184-K3	30.7	36.6	96.0	6.5	3.0	5.0	78	50	7.5	0.0	0.5	4
LA02011-I-J1	27.7	40.9	96.0	4.0	3.5	4.0	84	46	2.0	0.0	1.0	5
LA02011-I-J2	27.6	40.0	90.0	4.0	3.0	4.0	84	46	2.0	0.0	0.0	4
LA02012SBSBSBSBS-3	27.0	37.5	95.5	4.0	3.0	6.0	76	46	7.0	0.0	0.5	3
LA02043-I-J1	25.0	37.4	92.5	6.5	2.5	5.0	85	49	7.0	0.0	1.5	4
FL03184-FLID-B-S1	23.4	37.1	96.5	6.5	2.5	5.0	78	52	6.5	0.0	1.0	4
FL04178-FLID-B-S-3	23.2	42.6	97.0	5.5	3.0	4.0	70	43	8.0	0.0	0.5	5
FL03011-K4	20.3	38.6	96.8	4.0	4.8	5.5	78	41	4.3	0.0	0.5	5
LA02043-S-B-80-S2-B-S1	17.4	38.8	98.0	5.5	2.0	6.0	86	47	1.5	0.0	1.0	4
Mean	**39.9**	**39.7**	**88.8**	**4.5**	**3.2**	**5.1**	**80**	**46**	**5.6**	**0.4**	**1.0**	**4**
CV	**22**	**5**	**3**	**17**	**14**	**7**	**2**	**3**	**22**	**33**	**83**	**10**
LSD	**14.8**	**3.0**	**4.3**	**1.3**	**0.8**	**0.6**	**3**	**3**	**2.1**	**0.2**	**1.4**	**1**

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

Lodging: 0 = none, 9 = severe

Table 40. Nuda Elite oat trial at Winnsboro, LA in 2009.

Brand / variety	Grain Yield	Test Weight	Test Wt Clean	Nuda Percent	Seed Quality	Head Day	Plant Ht	Lodging Score	Pheno type
	bu/a	lbs/bu	lbs/bu	%	0-9	of yr	in	0-9	0-9
Horizon 201	**136.7**	**28.3**	**30.9**	**0.0**	**3.5**	**94**	**43**	**2.5**	**4**
Horizon 270	**130.6**	**30.6**	**32.8**	**0.0**	**3.0**	**93**	**37**	**0.0**	**4**
FL04178-FLID-B-S-2	114.1	37.0	41.1	90.0	4.5	84	38	9.0	3
Caballo	**107.6**	**29.1**	**34.0**	**50.0**	**2.0**	**86**	**38**	**7.0**	**3**
LA02012-S-B-139-S2-B-S1	106.2	32.6	39.2	95.0	2.8	85	36	8.3	3
LA02011-I-J2	105.1	39.6	44.8	95.0	2.0	95	43	0.0	5
Buff	**101.9**	**40.7**	**45.2**	**95.0**	**2.5**	**88**	**46**	**1.5**	**5**
FL04178-FLID-B-S-3	101.9	36.4	42.7	95.0	4.5	83	36	9.0	4
LA02011-I-J1	101.5	39.3	44.7	95.0	2.5	94	39	0.0	5
LA02012-S-B-139-S2-B-S2-B-S2	101.4	32.7	39.2	95.0	2.5	85	36	4.5	3
LA99012SBSBS-3-3-B-S-B-S2-B-S3	99.5	35.8	42.1	95.0	2.0	88	42	2.0	4
LA02012SBSBSBSBS-3	98.3	31.1	39.5	95.0	3.5	86	39	4.0	3
LA02043-I-J1	97.0	28.2	40.2	95.0	3.0	89	41	8.0	3
FL99155-P1	96.1	33.7	40.3	99.0	1.5	86	36	5.0	4
LA02012-S-B-139-S2-B-S1-1	93.7	30.7	37.1	95.0	3.5	86	36	8.5	4
FL04112-L6	93.7	39.4	44.2	95.0	3.5	85	39	4.5	4
FL03184-K3	92.8	28.8	37.8	90.0	6.0	89	42	3.0	5
FL03011-K4	90.3	37.9	42.2	92.5	2.5	84	38	4.5	5
LA02012SBSBSBSBS-9-B-S1	90.1	35.9	42.7	95.0	6.0	86		4.5	4
FL04112-L5	84.6	40.1	45.4	95.0	3.5	85	41	6.0	4
FL03184-FLID-B-S1	83.4	31.3	37.7	95.0	4.5	89	42	0.0	5
LA02043-S-B-80-S2-B-S1	83.1	35.5	41.3	95.0	4.0	90	40		5
LA0210SBSBSBSB-S1	82.7	36.0	43.9	95.0	1.0	91	44	4.0	5
LA03066S-K1	67.5	36.6	43.2	95.0	2.5	96	41	0.0	5
Mean	**98.3**	**34.5**	**40.5**	**85.5**	**3.2**	**88**	**40**	**4.3**	**4**
CV	**9**	**6**	**2**	**1**	**17**	**2**	**5**	**71**	**17**
LSD	**15.5**	**3.3**	**1.7**	**1.6**	**0.9**	**3**	**4**	**6.0**	**1**

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

Nuda Percent is a visual estimate of the pecnet hull-less kernels.

Test weight clean is the test weight after running harvested sampels through a stationay thresher to clean out trash and polish.

Seed Quality: 0 = very bright and plump; 9 = poor quality seed.

Lodging: 0 = none, 9 = severe

Appendix A. Entries in the 2009 Louisiana Agricultural Experiment Station Small Grain Performance Trials.

Brand	Line/Variety	Originating Agency
WHEAT		
AgriPro-Coker	Coker 9553, Coker 9700, Magnolia.....	Syngenta Seeds, Inc. 778 CR 680 Bay, AR 72411
AGS	AGS 2020, 2026, 2031, 2055, 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 940, 427, 454…….....	Cache River Valley Seed, LLC P.O. Box 10 Cash, AR 72421
DK/Armor	DK 9108, 9577, X732, Armor Gold, 360Z, ... ARX 6202, ARX 840	Cullum Seeds P.O. Box 178 Fisher, AR 72429
Dyna-Gro	Baldwin, Oglethorpe.....	Crop Production Services 443 Allenby Drive Marysville, OH 43040
GA	All numbered GA/UGA lines……..... .	Georgia Agric. Experiment Stn. Crop & Soil Science - UGA 1109 Experiment St. Griffin, GA 30223
HBK	HBK 3266, 3443, X3546…….	Hornbeck Seed Co. P.O. Box 472 DeWitt, AR 72042
JGL	ExpSR39L47.....	JGL, Inc. 3540 S. US 231 Greencastle, IN 46135

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

Brand	Line/Variety	Originating Agency
WHEAT		
LA	All numbered LA lines, AR01008-12-2-C, AR01120-56-7-C	Louisiana Agric. Experiment Stn. SPESS - LSU Baton Rouge, LA 70803
Pioneer	26R61, 26R87, XW07B	Pioneer Hi-Bred International, Inc. 700 Boulevard South, Suite 302 Huntsville, AL 35802
Progeny	Progeny 117, 119, 130, 136, 166, 185	Progeny Ag Products 1529 Hwy. 193 South Wynne, AR 72396
Ragan & Massey	LA95135	Ragan & Massey, Inc. 100 Ponchatoula Parkway Ponchatoula, LA 70454
Terral	LA482, LA821, LA841, TV8558, TV8170	Terral Seed, Inc. P.O. Box 826 Lake Providence, LA 71254
TX	TX4A35	Texas AgriLife Research TAMU - Commerce Dept. of Ag Science Commerce, TX 75429
USG	USG 3209, 3295, 3350, 3555, 3592	UniSouth Genetics, Inc. 2640-C Nolensville Road Nashville, TN 37211
VA	Jamestown, VA04W-259, VA04W-90	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 SPESS - LSU Baton Rouge, LA 70803
NC State	Brooks.....	North Carolina Agric. Expt. Station Crop Science Department North Carolina State University Raleigh, NC 27695
Plantation	Horizon LA976, Horizon 201, Horizon 270.....	Plantation Seed P.O. Box 398 Newton, GA 39870
Plot Spike	LA9339, LA 99016.....	Ragan & Massey, Inc. 100 Ponchatoula Parkway Ponchatoula, LA 70454
Terral	Trophy.....	Terral Seed, Inc. P.O. Box 826 Lake Providence, LA 71254
TAMO/TX	TX02U7473, TX02U7490, TX02U7682..…..... TX05CS347-1, TX05CS556	Texas AgriLife Research TAMU - Commerce Dept. of Ag Science Commerce, TX 75429