2011 SMALL GRAIN PERFORMANCE TRIALS

LAES Research
Summary No. 190
August 2011

LSU AgCenter
Research & Extension

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This publication and the research reported herein were supported in part by checkoff funds from the LOUISIANA SOYBEAN AND GRAIN RESEARCH AND PROMOTION BOARD.
This support is greatly appreciated.

LOUISIANA STATE UNIVERSITY AGRICULTURAL CENTER
William B. Richardson, Chancellor

LOUISIANA AGRICULTURAL EXPERIMENT STATION
John S. Russin, Vice Chancellor and Director

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Performance of Small Grain Varieties in Louisiana, 2010-11

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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. 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 2010 statewide wheat performance trials included 52 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. Data were not collected from the Bossier City location due to residual fertility issues and erratic stands. When choosing varieties, growers should consult their local LCES agents and choose varieties based on two year data within a region, not based on a single year or location. Growers should also consider specific data from the LAES variety trial location that most closely matches 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 or pest 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 in order 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 Farm Assistant, and Professor , respectively, Northeast Research Station, St. Joseph.
3 Research Associate, Professor, Assistant Professor, and Research Associates, respectively. Rice Research Station, Crowley.
4 Professor, and Research Associate, respectively. Red River Research Station, Bossier City.
5 Assistant Professor and Research Associates, respectively, Dean Lee Research Station, Alexandria.
6 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'.

Growing Conditions and General Comments for 2010-2011

Overall, the 2011 growing season was a good one, with weather conditions conducive to planting and winter plant development. Rainfall during November, December and January were at or slightly below normal. December and January were also cooler than normal, with a number of cool snaps. Three or four hard freezes, depending upon location delayed top growth but caused minimal damage. Rainfall deficits began to set in at the end of February and continued through harvest at most locations, resulting in hastened maturity. Hot, dry conditions immediately prior to and during harvest led to high yields and seed quality. Test weights were excellent despite the dry conditions during grain-fill. Overall yields were excellent. Statewide, leaf and stripe rust levels were low to moderate with susceptible varieties scoring high ratings at some locations. No data were collected at Bossier City.

Results and Discussion

Performance of Wheat Varieties Across South Louisiana

South Region Means

Table 1 shows performance of wheat varieties across south Louisiana in 2011. This area includes locations at Baton Rouge, Jeanerette and Crowley. The LAES breeding line LA01110D-150 had the highest yield (85.2 bu/acre) across south Louisiana. The Georgia breeding line GA 001138-8E36 and the commercial variety AGS2035 also had mean yields above 82 bu/acre. The commercial variety AGS 2060 had the highest test weight (59.5 lbs/bu) but ranked 17th in yield. Low leaf rust pressure resulted in a mean incidence of 4% and a high of 27% shared by three entries. The top seven yielding entries all had a leaf rust rating of 0.

When choosing varieties for planting in south Louisiana heading date is significant. Early heading varieties suffer freeze damage and late varieties may not adequately vernalize and, as a result, not fully head. The highest yielding entry, LA 01110D-136 had a heading date 5 days earlier than the mean of 85. The lowest yielding entry headed 10 days later than the mean.

Across south Louisiana for two years, LA01110D-150 had the highest mean yield (74.4 bu/acre). The released varieties AGS 2035, USG 3120, Baldwin and Jamestown all had yields above 70 bu/acre compared to the mean of 66.6 bu/acre. The variety AGS 2060 had the highest test weight (58.6 lbs/bu) followed by the varieties Pioneer 26R61 and USG 3120 (58.1 lbs/bu). The test weight mean was 56.9 lbs/bu. Averages also included 87 (March 28) for heading day, 4% for stripe rust incidence and 3% for leaf rust incidence.

LA 01110D-150 had the highest south Louisiana three year mean yield (77.2 bu/acre) of 15 entries (Table 3). The varieties Baldwin, AGS 2035, Magnolia and Jamestown all had yields above 72 bu/acre. AGS 2060, ranked twelfth in yield had the highest test weight (58.7 lbs/bu).

Baton Rouge

Favorable planting and winter growing conditions resulted in good stands that tillered well. Dry conditions in April and May led to low disease pressure with high yields and weed quality at harvest. The Georgia breeding line GA 001138-8E36 had the highest yield at this location (Table 4). The entries LA01110D-150, AGS 2035, and Progeny 117 also ranked near the top, all with yields above 90 bu/acre. The test weight mean of 46 entries was 58.8 with 10 entries having a test weight greater than 60 lbs/bu. Lodging, leaf rust incidence and Septoria levels were all low with means of 1.2 (0 = none, 9 = very severe), 2%, and 2.5 (0-9 scale) respectively. The five highest yielding entries all had heading dates from 0 to 4 days prior to the mean of 84 (March 25), thirteen days earlier than 2010.

LA 01110D-150 had the highest two year yield (73.2 bu/acre) for Baton Rouge. Five released varieties Arcadia, AGS 2035, Coker 9552, Magnolia, and Jamestown all had yields above 70 bu/acre compared to the mean of 67 bu/acre.

Crowley

USG had the highest yield (80.7 bu/acre) at Crowley for 2011 (Table 5). GA 001138-8E36, LA 01110D-150, LA 02006E239, Jamestown, and Terral ELA821 all had yields greater than 72 bu/acre. AGS 2056 and Delta Grow 8300 had the highest test weight (57.0 lbs/bu) with yields greater than 67 bu/acre. USG 3120 had the highest two year mean yield (79.4 bu/acre) followed by AGS 2035, Jamestown, and Terral LA 841. Leaf rust pressure was moderate with a mean incidence of 6% and a high of 55%. The top seven yielding entries all had leaf rust ratings of 0. The mean heading day was 80 (March 21), fourteen days prior to 2010.

Jeanerette

LA01110D-150 led 46 entries with a yield of 91.4 bu/acre (Table 6). AGS 2035, GA 001138-8E36, Dyna-Gro, Baldwin and Pioneer 26R61 were also high ranking, all wutg yields above 76 bu/acre, well above the mean of 62.5 bu/acre. AGS 2060 (60.2 lbs/bu) had the highest test weight compared to a mean of 56.3 followed by USG3120 and Pioneer 26R61. The top nineteen yielding entries all had heading dates prior to the mean of 90 (March 31). The lowest yielding entry, Progeny PGX10-2 along with seven others headed out ten or more days later than the mean. Leaf rust pressure was moderate with a mean incidence of 4% and a high of 43%. With the exception of GA001138-8E36 (1%), the top seven yieldin entries had a leaf rust rating of 0.

Performance of Wheat Varieties Across North Louisiana

North Region Means:

Terral TV8861 (81.8 bu/acre) had the highest mean yield across North Louisiana for 2011 (Table 7). USG 3120, Pioneer 26R87, USG 3438, and Jamestown all had yields greater than 79.5 bu/acre, well above the mean of 72.8 bu/acre. AGS 2060 had the highest test weight (61.0 lbs/bu) followed by Pioneer 26R87, Jamestown, and GA 001138-8E36, all with test weights above 60 lbs/bu compared to the mean of 57.6 lbs/bu. Stripe rust data were collected only at the Winnsboro location where pressure was moderate. The stripe rust incidence mean was 5% with a high of 63%. USG 3120 and Pioneer 26R87, the 2nd and third highest yielding entries across North Louisiana had Stripe rust incidence ratings of 4 and 5% respectively. Leaf rust pressure was low across North Louisiana with a incidence mean of 2% and a high of 25%. The top five yielding entries all had leaf rust incidence ratings of 0.

Terral TV8861 (70.3 bu/acre) had the highest two year mean yield across north Louisiana for two years (Table 8). The average yield of 28 entries was 64.1 bu/acre. Jamestown, USG 3120, and LA 01110D-150 had above average yields and test weights. The test weight mean was 57.0 lbs/bu.

USG 3120 had the highest yield (72 bu/acre) across north Louisiana for three years (Table 9). Pioneer 26R87, Jamestown, AGS 2035, and LA01110D-150 all had yields above 70 bu/acre and test weights above 57 lbs/bu. Means included 67.6 bu/acre for yield and 57.2 lbs/bu for test weight.

Alexandria

Ideal planting and growing conditions resulted in excellent stands, good tillering and high yields at Alexandria. Disease pressure was low due to dry conditions and no lodging occurred. GA001138-8E36 had the highest yield (86.9 bu/acre) of 52 entries. The yield mean was 77.5 bu/acre. Terral TV 8861, LA01110D-150, Terral LA841, and Pioneer 26R87 followed, all with yields above 84 bu/acre and test weight above 54 lbs/bu. AGS 2060 had the highest test weight (60.5 lbs/bu). The test weight mean was 55.3 lbs/bu. Leaf rust incidence ranged from 0 to 51% with a mean of 4%. The top five yielding entries all had leaf rust incidence ratings of 3% or less. The heading date ranged from 77 to 94 with a mean of 86 (March 27). The top three yielding varieties spanned the entire heading date ranger. Jamestown had the highest two year mean yield (67.8 bu/acre) followed by Terral LA841, AGS 2052, and USG 3120, all with yields of 66 bu/acre or above. The two year mean yield of twenty eight entries was 62.1 bu/acre.

Bossier City

No data were collected at Bossier City due to residual fertility issues and erratic stands.

St. Joseph

Poor stands in the test planted in early November resulted in a second planting a month later. USG 3438 had the highest yield (87.4 bu/acre) of 52 entries at St. Joseph in 2011 (Table 11). USG 3251, Dixie McAlister, LA 01110D-150, and Jamestown also had yields above 80 bu/acre and test weights above 74.5 lbs/bu. Yields ranged from 87.4 bu/acre to 55.2 with a mean of 70.5 bu/acre. Test weights ranged from 60.8 to 55.3 lbs/bu with a mean of 57.9 lbs/bu. Leaf rust pressure was low with incidence ranging from 0 to 23% and a mean 1%. Forty three of fifty two entries had a leaf rust incidence of 0%. Heading data ranged from day 83 to day 96 with a mean 89 (March 30). The top five yielding entries all had a heading date within 6 days of the mean.

USG had the highest two year mean yield (80.9 bu/acre). LA01110D-150, Jamestown, Pioneer 26R87, and USG 3120 also had two year mean yields above 74 bu/acre.

Winnsboro

Favorable weather at planting and during the winter resulted in good, well tillered stands in Winnsboro. Heavy rains in February and March increased disease pressure. The highest yielding entry at Winnsboro was USG 3120 (81.2 bu/acre) followed by AGS 2035, Delta Grow 7500, and Terral TV8861, all with test weights above 80 bu/acre (Table 12). Means at Winnsboro included 70.4 bu/acre for yield and 59.6 lbs/bu for test weight. Jamestown had the highest test weight (62.5 lbs/bu). Pioneer 26R87,AGS 2060 also had test weights of 62 lbs/bu or greater. Terral TV8861 had the highest two year mean yield (77.6 bu/acre). Leaf rust incidence ranged between 0 and 25% with the mean of 2%. Forty one of fifty two entries had a leaf rust incidence of 0 which included the top five in yield. Stripe rust pressure was a bit higher with a range of 0 to 63% incidence and a mean of 5%. The mean heading data at Winnsboro was 90 (March 31). The five highest yielding entries headed within 5 days of the mean.

Statewide Performance of Wheat Varieties

LA 01110D-150 (82.1 bu/acre) had the highest yield of 46 entries statewide in 2011 despite a stripe rust incidence of 14% (Table 13). AGS 2035, USG 3120, GA001138-8E36, and Jamestown all had yields above 78 bu/acre. Test averages included 71.7 bu/acre for yield and 57.4 lbs/bu for test weight. AGS 2060 had the highest test weight (60.2 lbs/bu). Jamestown, GA001138-8E36, Pioneer 26R61, and USG 3120 all had test weights above 59 lbs/bu. Stripe rust had an incidence mean of 6% with a high of 63%. The leaf rust incidence mean was 3% with the five highest yielding entries having an incidence rating of 0%. A statewide breakdown of yield by location is presented in Table 14.

LA01110D-150 led statewide for two years with a yield of 71.1 bu/acre (Table 15). USG 3120, AGS 2035, and Jamestown also had yields above 69 bu/acre. AGS 2060, Jamestown, Pioneer 26R61, and Syngenta Coker 9553 all had mean test weights above 58 lbs/bu. LA 01110D-150 (73.3 bu/acre) had the highest yield across the state for three years (Table 16). AGS 2035 and Dyna-Gro Baldwin also had yields above 72 bu/acre. AGS 2060 led for three years with a test weight of 59.1 lbs/bu.

OTHER WHEAT TRIALS

This advanced yield trial of LAES breeding lines was planted at BatonRouge, Winnsboro, and locations in Arkansas and Mississippi in 2011. The trial contained 45 entries which included five checks. Test means included 74.5 bu/acre for yield and 58.2 lbs/bu for yield (Table 17). LA04041D-63 (88.9 bu/acre) was the highest yielding entry followed by AGS 2035, Baldwin, LA04026D-7, and LA01110D-150, all with yields above 80 bu/acre. The breeding line LA03217E-9 had the highest test weight (60.8 lbs/bu). AGS 2060 and LA04026D-3 also had test weights greater than 60 lbs/bu. The mean heading date was 90 (March 31) with four of the five top yielding entries heading out within one day of the mean.

Performance of Oat Varieties

Performance of Oat Varieties Across Louisiana:

For two years, statewide, Horizon 201 led ten entries with a yield of 78 bu/acre (Table 18). The breeding line FL0522-FLID-B-S-B-S-92-S1 had a slightly lower yield (77.2 bu/acre) and the highest test weight (33.4lbs/bu). Both entries had a heading date within two days of the mean (April) and stem rust ratings below the mean of 1.5 (0-9 scale).

Horizon 270 had the highest yield (93.2 bu/acre) across Louisiana for three years (Table 19), followed by TX05CS347-1 and Horizon 201 both with yields above 86 bu/acre. LA99016 and TX05CS347-1 led eight entries, both with a test weight of 31.6 lbs/bu. The yield mean was 82.2 bu/acre and the test weight mean, 30.5 lbs/bu. With the exception of Brooks, all entries had a three mean crown rust incidence of 0%.

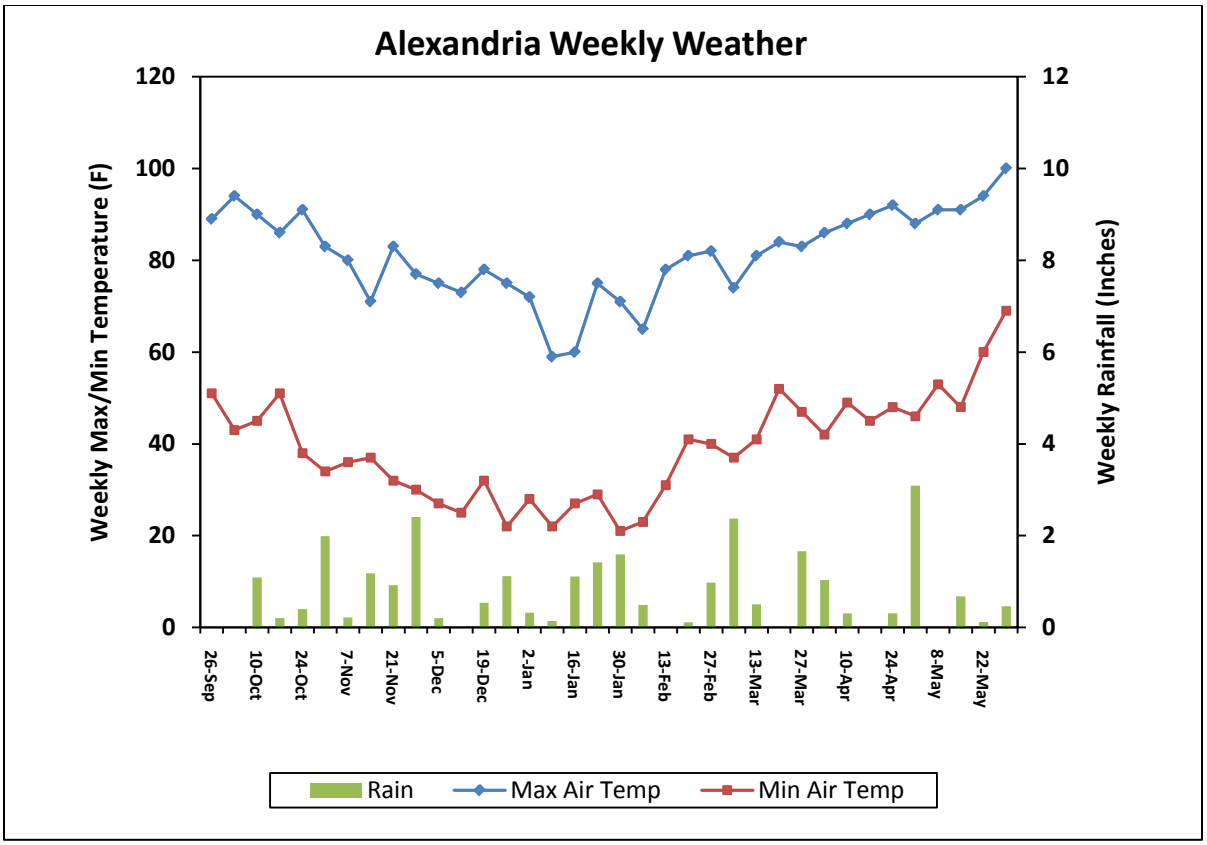
Baton Rouge:

Eighteen entries were tested in Baton Rouge in 2011 (Table 20). LA03063SBSBSB-S4 was the highest yielding entry with a yield of 121.9 bu/acre, well above the mean of 94.3 bu/acre. FL0522-FLID-B-S-B-S-92-S1, Horizon 270, and TX07CS3697 followed, all with yields above 108 bu/acre. Means included 94.3 bu/acre for yield, 32.6 lbs/bu for test weight and 90 (March 31) for heading date, eleven days earlier than 2010. There was significant winter stress at this location. Stress ratings ranged from 2.0 to 7.0 with a mean of 3.2 (0-9 scale). The top three yielding entries had stress ratings below the mean.

Winnsboro:

The oat variety trial at Winnsboro was lost as a result of herbicide damage.

Figure 1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Weekly Rainfall (Inches)
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Rain
Max Air Temp
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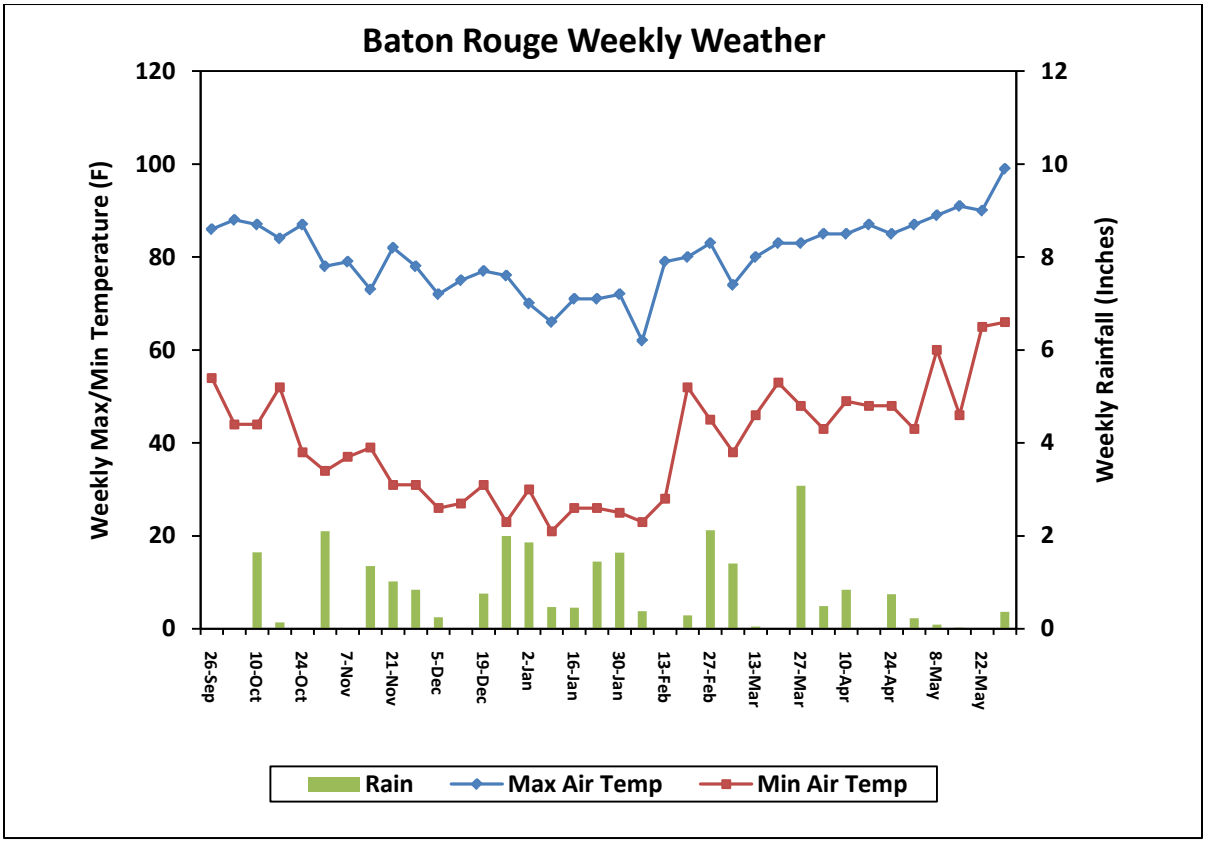
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Weekly Rainfall (Inches)
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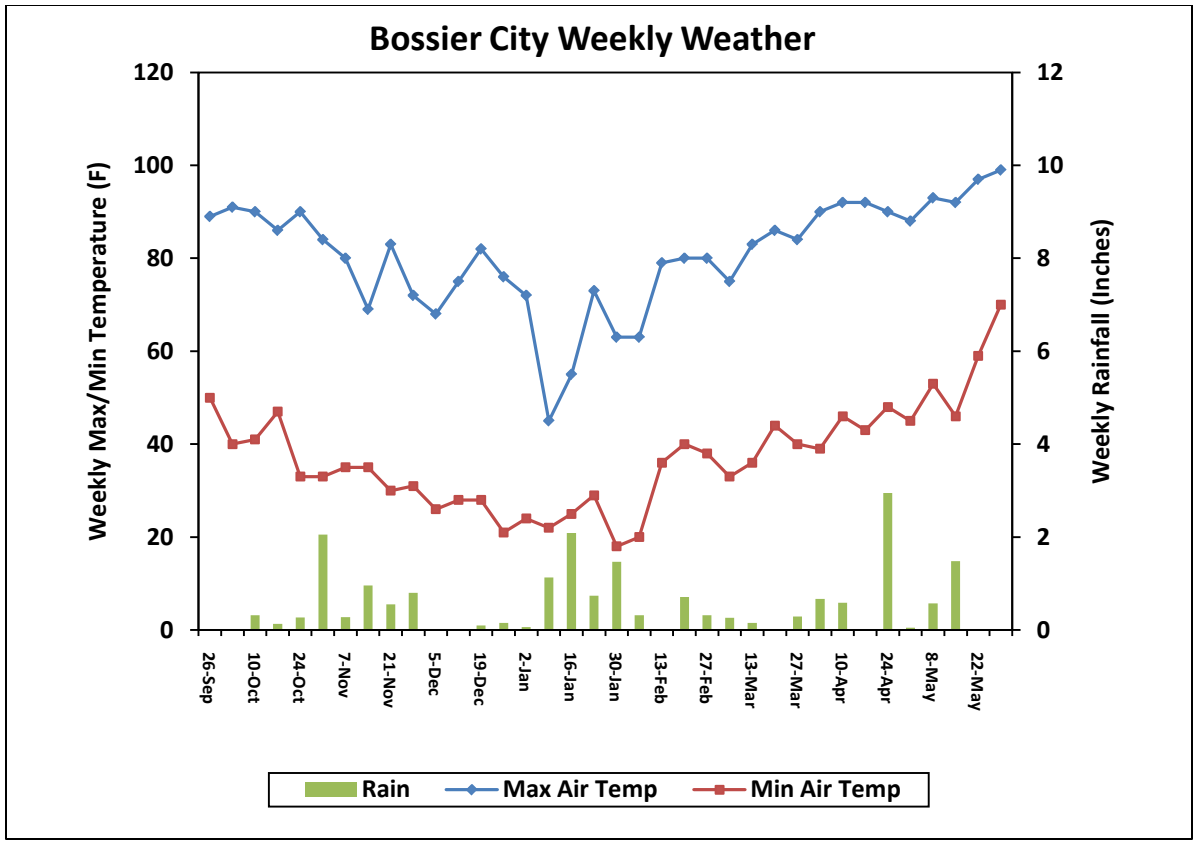
Rain
Max Air Temp
Min Air Temp

Figure 1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Weekly Rainfall (Inches)
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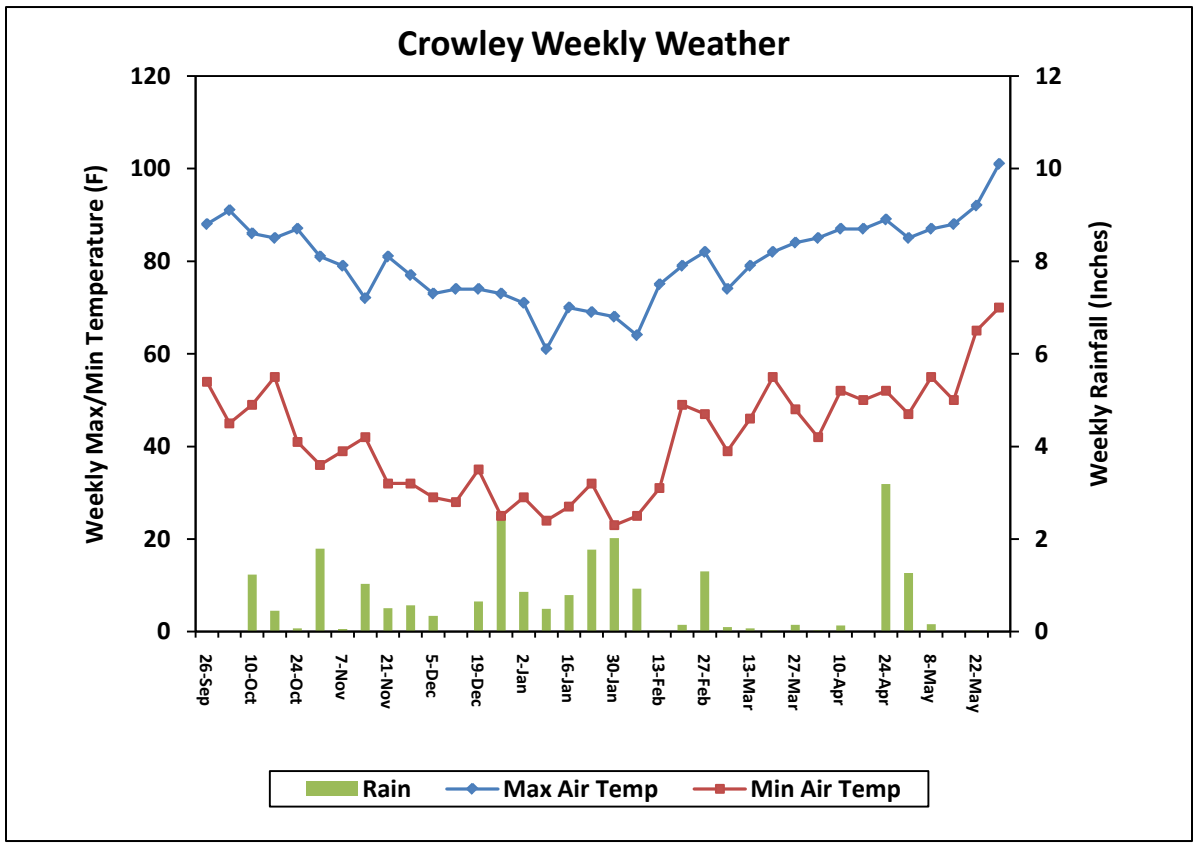
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Weekly Rainfall (Inches)
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Rain
Max Air Temp
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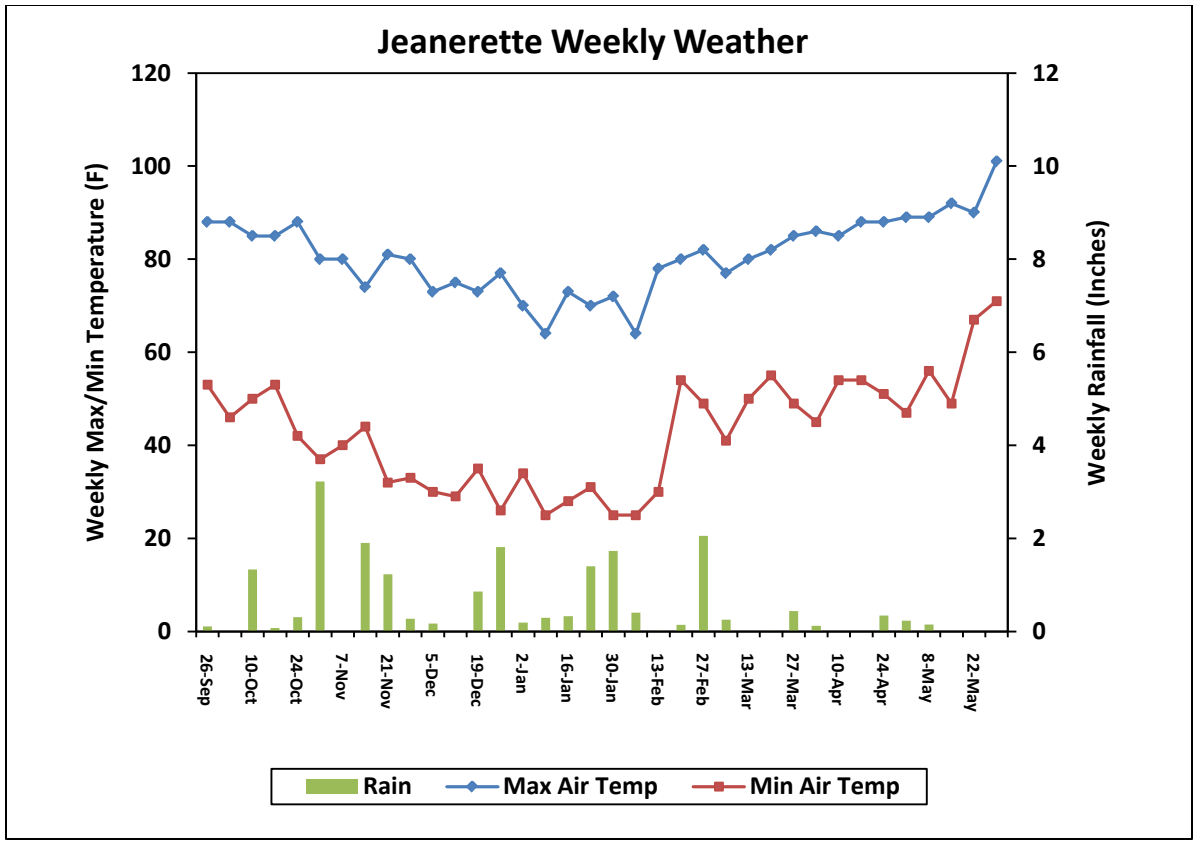
Figure 1


Jeanerette Weekly Weather
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Weekly Rainfall (Inches)
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Rain
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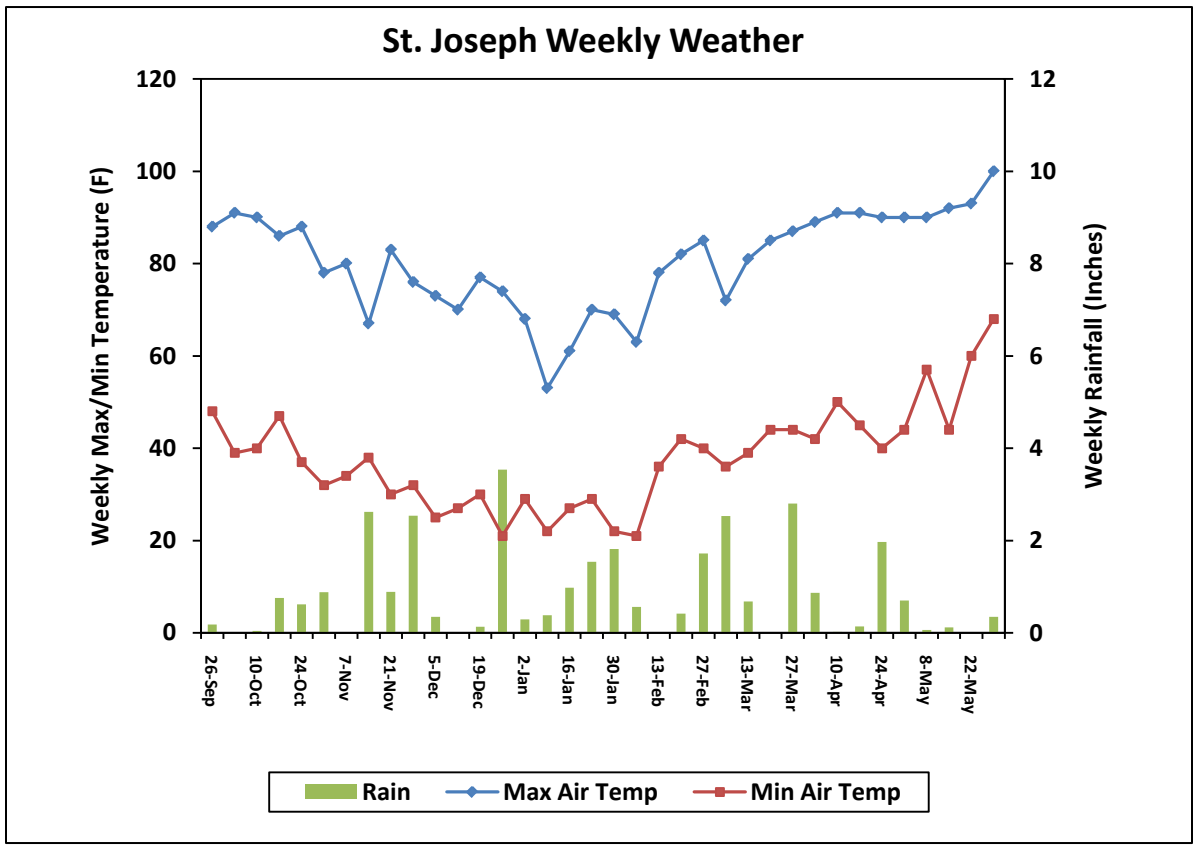
St. Joseph Weekly Weather
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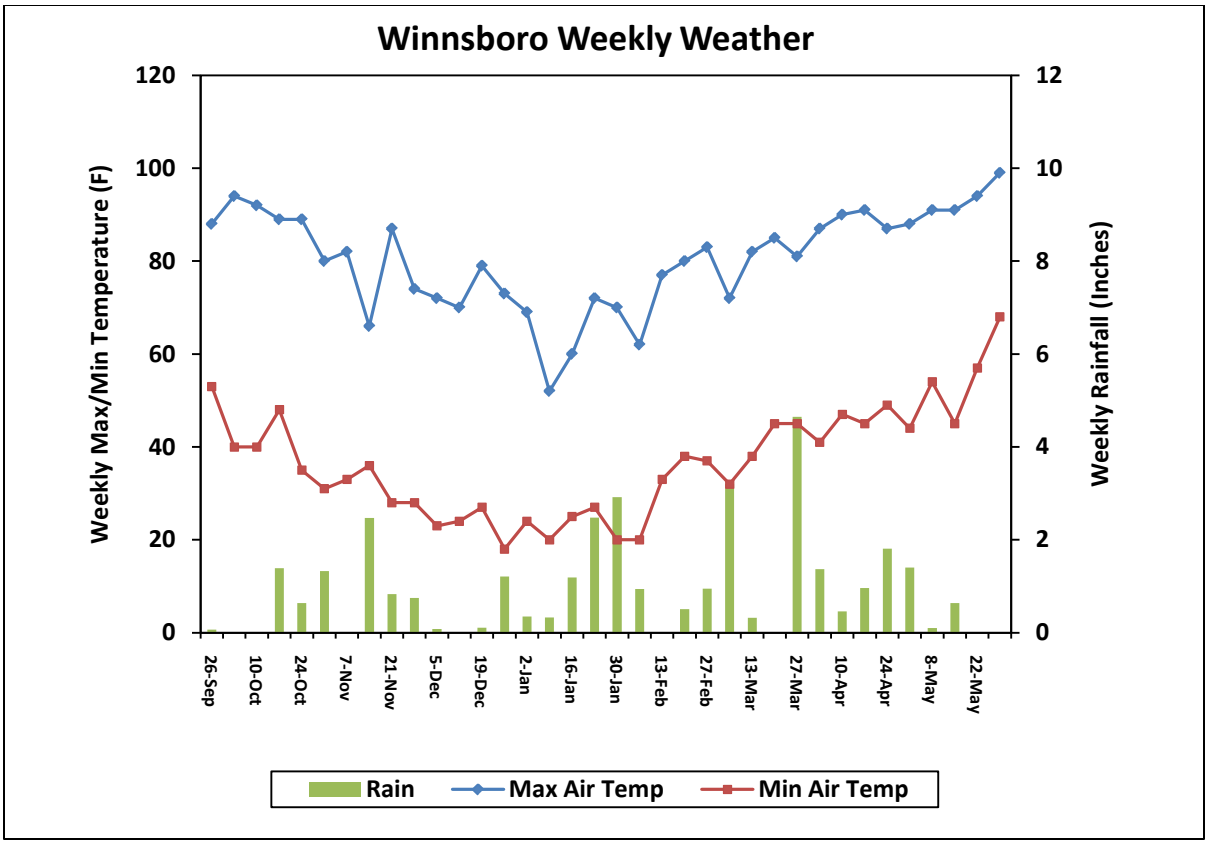
Figure 1


Winnsboro Weekly Weather
Weekly Max/Min Temperature (F)
Weekly Rainfall (Inches)
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16-Jan
30-Jan
13-Feb
27-Feb
13-Mar
27-Mar
10-Apr
24-Apr
8-May
22-May
Rain
Max Air Temp
Min Air Temp

Table 1. Wheat performance trial across South Louisiana for 2011.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Leaf Rust %	Septoria 0-9	Pheno type 0-9
LA01110D-150	85.2	57.3	80	33	1	0	2.0	2.6
GA001138-8E36	83.3	58.5	83	35	2	0	3.0	3.3
AGS 2035	**82.4**	**58.3**	**79**	**34**	**1**	**0**	**1.5**	**3.0**
USG 3120	**79.4**	**58.8**	**78**	**34**	**1**	**0**	**1.5**	**3.5**
BALDWIN	**78.3**	**58.2**	**85**	**35**	**1**	**0**	**1.0**	**3.4**
JAMESTOWN	**77.1**	**58.6**	**78**	**30**	**1**	**0**	**2.5**	**3.0**
SYNGENTA ARCADIA	**76.7**	**58.0**	**78**	**32**	**1**	**0**	**2.0**	**3.9**
OGLETHORPE	**76.4**	**57.1**	**81**	**30**	**2**	**0**	**2.0**	**4.2**
TERRAL LA821	**75.7**	**58.1**	**78**	**34**	**2**	**1**	**2.5**	**3.5**
GA00067-8E35	75.4	57.5	79	32	2	0	3.5	4.1
SYNGENTA MAGNOLIA	**75.3**	**56.7**	**82**	**33**	**1**	**4**	**5.0**	**4.0**
LA02006E239	75.1	57.9	78	35	1	0	2.0	3.5
TERRAL LA841	**74.5**	**56.6**	**79**	**31**	**2**	**0**	**2.5**	**3.5**
LA01069D-23-4-4	73.7	57.9	80	32	1	3	2.0	3.7
LA03136E71	73.7	58.5	78	32	1	27	3.0	5.2
VA05W-139	**73.6**	**57.2**	**84**	**31**	**1**	**0**	**3.0**	**3.9**
AGS 2060	**73.4**	**59.5**	**81**	**35**	**2**	**0**	**2.5**	**3.4**
SYNGENTA COKER 9553	**73.2**	**57.8**	**84**	**31**	**1**	**0**	**2.5**	**3.3**
PIONEER 26R61	**73.1**	**58.8**	**81**	**33**	**1**	**0**	**1.5**	**3.0**
LA02024E7	72.3	57.9	79	32	1	1	3.0	3.4
DELTA GROW 8300	**72.0**	**56.9**	**80**	**31**	**2**	**0**	**2.5**	**4.0**
DELTA GROW 7500	**71.3**	**56.4**	**90**	**31**	**1**	**0**	**1.0**	**4.4**
DELTA KING GR9108	**70.2**	**56.8**	**80**	**35**	**2**	**2**	**2.0**	**4.3**
AGS 2026	**70.0**	**57.1**	**80**	**31**	**3**	**0**	**3.5**	**3.9**
PROGENY PGX 10-7	69.9	54.8	94	29	1	0	2.5	4.3
TERRAL TV8848	**69.6**	**56.8**	**91**	**31**	**1**	**0**	**2.0**	**4.5**
USG 3438	**69.6**	**56.5**	**91**	**30**	**1**	**1**	**1.5**	**4.7**
PROGENY 117	**69.6**	**57.1**	**81**	**33**	**1**	**27**	**3.5**	**5.6**
AGS 2052	**69.2**	**55.4**	**93**	**30**	**1**	**0**	**2.5**	**4.3**
USG 3201	**68.3**	**57.8**	**90**	**30**	**1**	**1**	**2.0**	**4.6**
DIXIE MCALISTER	**68.2**	**56.3**	**90**	**30**	**1**	**0**	**1.0**	**4.4**
PROGENY PGX 10-5	68.2	56.6	91	30	1	0	2.0	4.2
PIONEER XW09H	67.8	56.9	89	29	1	0	1.5	4.2
TERRAL TV8861	**67.6**	**56.6**	**92**	**30**	**1**	**1**	**1.5**	**4.5**
TERRAL TV8525	**67.1**	**56.7**	**88**	**30**	**1**	**2**	**2.5**	**4.0**
DIXIE KELSEY	**66.8**	**58.1**	**90**	**29**	**1**	**4**	**2.5**	**5.1**
TERRAL TV8535	**66.8**	**56.7**	**91**	**31**	**1**	**0**	**1.5**	**4.7**
TERRAL TV8626	**65.9**	**55.3**	**93**	**29**	**1**	**0**	**2.0**	**4.8**
AGS 2056	**65.3**	**56.7**	**91**	**30**	**1**	**0**	**1.5**	**4.6**
PROGENY 125	**65.0**	**56.3**	**82**	**30**	**1**	**16**	**4.0**	**5.0**
USG 3251	**64.2**	**56.9**	**91**	**31**	**1**	**0**	**2.5**	**4.4**
DELTA GROW 5000	**64.2**	**56.1**	**82**	**30**	**2**	**19**	**4.0**	**5.3**
DELTA GROW 7900	**62.2**	**57.8**	**87**	**32**	**2**	**18**	**3.0**	**6.0**
TERRAL TV8589	**57.9**	**56.1**	**90**	**34**	**2**	**8**	**4.0**	**5.5**
TERRAL TV8460	**52.0**	**56.9**	**91**	**35**	**2**	**24**	**4.0**	**6.2**
PROGENY PGX 10-2	42.6	55.7	95	32	2	27	4.5	6.7
MEAN	**70.4**	**57.2**	**85**	**32**	**1**	**4**	**2.5**	**4.2**
CV%	**8**	**1**	**1**	**5**	**32**	**121**	**29**	**14**
LSD (0.10)	**8.0**	**1.4**	**3**	**1**	**0.7**	**8**	**1.2**	**0.2**

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

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

Table 2. Wheat performance trial across South Louisiana for two years, 2010 and 2011.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Stripe Rust %	Leaf Rust %	Septoria 0-9	Pheno type 0-9
LA01110D-150	74.4	56.9	85	34	0.3	1	0	2.0	3.1
AGS 2035	**73.7**	**57.4**	**84**	**34**	**0.3**	**1**	**0**	**1.5**	**3.6**
USG 3120	**73.4**	**58.1**	**83**	**35**	**0.3**	**10**	**0**	**1.5**	**3.5**
BALDWIN	**70.8**	**57.2**	**89**	**36**	**0.3**	**1**	**0**	**1.0**	**3.9**
JAMESTOWN	**70.5**	**58.0**	**83**	**31**	**0.3**	**2**	**0**	**2.5**	**3.3**
SYNGENTA ARCADIA	**69.7**	**57.8**	**82**	**33**	**0.3**	**3**	**0**	**2.0**	**4.1**
SYNGENTA COKER 9553	**68.4**	**57.6**	**89**	**32**	**0.3**	**0**	**0**	**2.5**	**3.5**
SYNGENTA MAGNOLIA	**68.0**	**56.5**	**87**	**33**	**0.3**	**5**	**4**	**5.0**	**4.0**
TERRAL LA821	**67.7**	**57.5**	**83**	**34**	**0.5**	**19**	**1**	**2.5**	**3.9**
TERRAL LA841	**67.6**	**56.2**	**84**	**32**	**0.5**	**1**	**0**	**2.5**	**4.0**
OGLETHORPE	**66.8**	**56.7**	**85**	**31**	**0.7**	**2**	**0**	**2.0**	**4.3**
PIONEER 26R61	**65.6**	**58.1**	**86**	**33**	**0.3**	**1**	**0**	**1.5**	**3.6**
DELTA GROW 8300	**65.5**	**56.1**	**88**	**31**	**0.5**	**2**	**0**	**2.5**	**4.6**
AGS 2060	**64.8**	**58.6**	**84**	**35**	**0.7**	**15**	**0**	**2.5**	**3.9**
USG 3201	**64.0**	**57.0**	**94**	**30**	**0.3**	**0**	**1**	**2.0**	**4.8**
PROGENY 117	**63.3**	**56.6**	**85**	**33**	**0.3**	**20**	**27**	**3.5**	**5.3**
AGS 2026	**63.1**	**56.7**	**85**	**32**	**1.0**	**5**	**0**	**3.5**	**4.3**
TERRAL TV8861	**61.9**	**55.9**	**95**	**31**	**0.3**	**0**	**1**	**1.5**	**4.8**
USG 3438	**61.9**	**55.6**	**94**	**30**	**0.3**	**0**	**1**	**1.5**	**4.7**
PROGENY 125	**61.7**	**55.9**	**86**	**31**	**0.3**	**2**	**16**	**4.0**	**4.7**
DELTA GROW 5000	**61.4**	**55.6**	**87**	**31**	**0.5**	**2**	**19**	**4.0**	**5.1**
DELTA KING GR9108	**61.3**	**56.1**	**85**	**36**	**0.5**	**3**	**2**	**2.0**	**4.7**
MEAN	**66.6**	**56.9**	**87**	**33**	**0.4**	**4**	**3**	**2.5**	**4.2**
CV%	**8**	**1**	**1**	**4**	**38**	**118**	**121**	**29**	**14**
LSD (0.10)	**6.1**	**1.0**	**2**	**1**	**NS**	**6**	**8**	**1.2**	**0.7**

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

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

Table 3. Wheat performance trial across South Louisiana for three years, 2009, 2010 and 2011.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Stripe Rust %	Leaf Rust %	Septoria 0-9	Pheno type 0-9
LA01110D-150	77.2	57.3	83	35	1.3	1	0	2.0	3.3
BALDWIN	**76.7**	**57.7**	**86**	**36**	**0.5**	**1**	**0**	**1.0**	**3.7**
AGS 2035	**76.1**	**57.8**	**80**	**35**	**1.3**	**1**	**0**	**1.5**	**3.8**
SYNGENTA MAGNOLIA	**72.9**	**57.1**	**83**	**34**	**0.9**	**5**	**5**	**5.0**	**3.9**
JAMESTOWN	**72.7**	**58.5**	**81**	**31**	**0.8**	**2**	**1**	**2.5**	**3.4**
TERRAL LA821	**71.3**	**57.8**	**80**	**34**	**0.8**	**19**	**0**	**2.5**	**3.7**
PIONEER 26R61	**70.7**	**58.4**	**84**	**34**	**0.6**	**1**	**2**	**1.5**	**3.6**
USG 3120	**70.1**	**58.0**	**79**	**35**	**1.2**	**10**	**0**	**1.5**	**3.9**
TERRAL LA841	**69.6**	**56.4**	**83**	**32**	**1.2**	**1**	**3**	**2.5**	**4.1**
OGLETHORPE	**69.2**	**57.0**	**86**	**32**	**0.8**	**2**	**0**	**2.0**	**4.6**
AGS 2026	**66.8**	**56.8**	**87**	**32**	**1.0**	**5**	**1**	**3.5**	**4.6**
AGS 2060	**66.3**	**58.7**	**79**	**35**	**2.0**	**15**	**0**	**2.5**	**3.9**
PROGENY 117	**63.8**	**56.9**	**83**	**34**	**1.7**	**20**	**22**	**3.5**	**5.4**
DELTA KING GR9108	**63.0**	**56.5**	**82**	**36**	**1.3**	**3**	**3**	**2.0**	**4.5**
SYNGENTA COKER 9553	**62.5**	**57.3**	**89**	**33**	**0.6**	**0**	**5**	**2.5**	**4.1**
MEAN	**69.9**	**57.5**	**83**	**34**	**1.1**	**6**	**3**	**2.4**	**4.0**
CV%	**10**	**1**	**2**	**4**	**64**	**103**	**72**	**27**	**15**
LSD (0.10)	**5.8**	**0.8**	**3**	**1**	**1.0**	**8**	**5**	**1.2**	**0.5**

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

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

Table 4. Wheat performance trial at Baton Rouge, LA for 2011, with two-year mean yields, sorted by two-year mean yields.

	Grain Yield			Test	Head	Plant		Leaf	Sept	Pheno
	2011	rnk	2-Yr	Wt	Day	Height	Lodging	Rust	oria	type
Brand / variety		bu/a		lbs/bu	of yr	in	0-9	%	0-9	0-9
LA01110D-150	93.3	2	73.2	59.5	80	40	1.0	0	2.0	3.3
SYNGENTA ARCADIA	**89.3**	**8**	**71.8**	**59.4**	**80**	**37**	**1.0**	**0**	**2.0**	**3.8**
AGS 2035	**91.9**	**3**	**71.4**	**61.0**	**80**	**40**	**1.0**	**0**	**1.5**	**3.6**
SYNGENTA COKER 9553	**86.0**	**24**	**71.1**	**60.3**	**84**	**38**	**1.0**	**0**	**2.5**	**2.8**
SYNGENTA MAGNOLIA	**87.3**	**15**	**70.7**	**57.9**	**84**	**38**	**1.0**	**3**	**5.0**	**3.9**
JAMESTOWN	**85.6**	**26**	**70.1**	**61.0**	**80**	**36**	**1.0**	**0**	**2.5**	**3.6**
USG 3120	**88.0**	**11**	**69.8**	**61.1**	**80**	**40**	**1.0**	**0**	**1.5**	**3.6**
TERRAL TV8861	**86.4**	**21**	**68.2**	**58.7**	**91**	**36**	**1.0**	**3**	**1.5**	**4.4**
DYNA-GRO BALDWIN	**85.4**	**28**	**68.2**	**60.0**	**86**	**43**	**1.0**	**0**	**1.0**	**4.1**
TERRAL LA821	**90.0**	**6**	**67.3**	**59.1**	**80**	**39**	**1.5**	**3**	**2.5**	**4.1**
PROGENY 125	**88.8**	**9**	**66.8**	**57.4**	**81**	**36**	**1.0**	**13**	**4.0**	**3.9**
USG 3201	**85.5**	**27**	**66.6**	**60.1**	**88**	**36**	**1.0**	**0**	**2.0**	**4.4**
TERRAL LA841	**86.3**	**22**	**66.0**	**58.1**	**81**	**39**	**1.5**	**0**	**2.5**	**3.9**
PROGENY 117	**90.4**	**4**	**65.4**	**58.7**	**81**	**40**	**1.0**	**10**	**3.5**	**4.3**
DELTA GROW 8300	**85.1**	**29**	**65.4**	**58.0**	**80**	**39**	**1.5**	**0**	**2.5**	**4.5**
DYNA-GRO OGLETHORPE	**90.0**	**5**	**65.2**	**57.9**	**82**	**37**	**2.0**	**0**	**2.0**	**4.1**
USG 3438	**86.8**	**20**	**64.9**	**57.8**	**87**	**35**	**1.0**	**0**	**1.5**	**4.6**
DELTA GROW 5000	**87.0**	**17**	**64.3**	**57.3**	**80**	**35**	**1.5**	**10**	**4.0**	**4.5**
PIONEER 26R61	**77.0**	**43**	**63.8**	**60.9**	**83**	**38**	**1.0**	**0**	**1.5**	**4.0**
AGS 2026	**87.5**	**13**	**63.4**	**58.6**	**81**	**37**	**3.0**	**0**	**3.5**	**3.8**
AGS 2060	**83.1**	**36**	**61.8**	**62.0**	**83**	**39**	**2.0**	**0**	**2.5**	**3.6**
DELTA KING DK9108	**83.2**	**35**	**59.2**	**58.0**	**81**	**42**	**1.5**	**3**	**2.0**	**4.5**
GA001138-8E36	95.4	1		60.3	84	41	1.5	0	3.0	4.0
PIONEER XW09H	89.9	7		58.4	88	37	1.0	0	1.5	4.1
LA02006E239	88.4	10		60.8	79	42	1.0	0	2.0	3.4
AGS 2052	**87.7**	**12**		**56.7**	**91**	**36**	**1.0**	**0**	**2.5**	**4.3**
LA01069D-23-4-4	87.4	14		60.0	82	39	1.0	3	2.0	3.0
PROGENY PGX 10-5	87.1	16		57.8	88	36	1.0	0	2.0	4.0
DIXIE KELSEY	**86.9**	**18**		**60.0**	**89**	**35**	**1.0**	**3**	**2.5**	**4.8**
TERRAL TV8848	**86.8**	**19**		**58.3**	**89**	**38**	**1.0**	**0**	**2.0**	**4.5**
PROGENY PGX 10-7	86.1	23		56.2	92	35	1.0	0	2.5	4.5
DIXIE MCALISTER	**85.8**	**25**		**58.0**	**87**	**36**	**1.0**	**0**	**1.0**	**4.3**
DELTA GROW 7500	**84.5**	**30**		**57.7**	**88**	**36**	**1.0**	**0**	**1.0**	**4.3**
DELTA GROW 7900	**84.4**	**31**		**59.5**	**85**	**39**	**1.5**	**3**	**3.0**	**4.5**
GA00067-8E35	84.2	32		59.3	82	37	1.5	0	3.5	4.8
USG 3251	**83.4**	**33**		**58.8**	**91**	**37**	**1.0**	**0**	**2.5**	**4.6**
AGS 2056	**83.3**	**34**		**57.5**	**87**	**36**	**1.0**	**0**	**1.5**	**4.3**
TERRAL TV8626	**83.0**	**37**		**55.8**	**92**	**36**	**1.0**	**0**	**2.0**	**4.9**
LA03136E71	83.0	38		60.5	79	37	0.5	5	3.0	3.5
VA05W-139	82.5	39		59.2	85	37	1.0	0	3.0	4.8
LA02024E7	81.5	40		59.5	81	38	1.0	3	3.0	3.6
TERRAL TV8535	**81.0**	**41**		**57.8**	**87**	**36**	**1.0**	**0**	**1.5**	**4.5**
TERRAL TV8525	**78.9**	**42**		**58.6**	**86**	**37**	**1.0**	**0**	**2.5**	**4.6**
TERRAL TV8460	**73.6**	**44**		**58.6**	**84**	**42**	**2.0**	**30**	**4.0**	**5.5**
TERRAL TV8589	**72.8**	**45**		**56.5**	**91**	**40**	**1.5**	**3**	**4.0**	**5.6**
PROGENY PGX 10-2	66.6	46		58.2	92	41	2.0	13	4.5	6.0
Mean	**85.1**		**67.0**	**58.8**	**84**	**38**	**1.2**	**2**	**2.5**	**4.2**
CV%	**5**		**6**	**1**	**1**	**2**	**32**	**100**	**29**	**8**
LSD (0.10)	**4.7**		**8.1**	**0.5**	**2**	**1**	**0.7**	**3.7**	**1.2**	**0.6**

Ben Hur Research Farm. Baton Rouge, LA. S. Harrison, K. Arceneaux, L. Bissett, and K. McCarthy.

Table 4. Wheat performance trial at Baton Rouge, LA for 2011, with two-year mean yields, sorted by two-year mean yields.

	Grain Yield			Test	Head	Plant		Leaf	Sept	Pheno
	2011	rnk	2-Yr	Wt	Day	Height	Lodging	Rust	oria	type
Brand / variety		**bu/a**		**lbs/bu**	**of yr**	**in**	**0-9**	**%**	**0-9**	**0-9**

Cultural and Site: Planted 11-9-2010. Harvested 5-7-2011. 1-6-46-69-19S preplant fertilizer. 50-0-0 + 40-0-0 topdress N. Osprey plus Harmony Extra herbicide, followed by Axial to control ryregrass. Dry April and May with low disease pressure, and excellent yields and grain quality.

Phenotype is 'overall appearance'. 0 = excellent, 9 = very poor.

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

Table 5. Wheat performance trial at Crowley, LA for 2011 with two-year mean yields, sorted by 2-yr mean yields.

Brand / variety	Grain Yield 2011	rnk	Grain Yield 2-Yr*	Test Wt	Head Day	Plant Ht	Leaf Rust	Pheno type
	bu/a			lbs/bu	of yr	in	%	0-9
USG 3120	**80.7**	**1**	**79.4**	**56.0**	**76**	**34**	**0**	**3.0**
AGS 2035	**71.8**	**7**	**70.2**	**56.2**	**75**	**33**	**0**	**3.0**
JAMESTOWN	**72.8**	**5**	**69.8**	**56.5**	**73**	**30**	**0**	**2.5**
TERRAL LA841	**70.7**	**10**	**69.6**	**56.5**	**75**	**31**	**0**	**3.5**
LA01110D-150	73.0	3	69.5	56.2	77	33	0	2.5
TERRAL LA821	**72.1**	**6**	**69.5**	**56.9**	**75**	**33**	**0**	**3.0**
DYNA-GRO BALDWIN	**71.2**	**9**	**69.2**	**56.7**	**81**	**33**	**0**	**3.0**
USG 3201	**65.1**	**24**	**66.7**	**56.0**	**85**	**30**	**1**	**4.5**
DYNA-GRO OGLETHORPE	**65.2**	**23**	**66.0**	**56.4**	**77**	**29**	**0**	**4.5**
SYNGENTA COKER 9553	**65.3**	**22**	**65.9**	**55.9**	**80**	**32**	**0**	**3.0**
SYNGENTA ARCADIA	**68.6**	**14**	**65.3**	**56.7**	**73**	**33**	**0**	**4.0**
DELTA GROW 8300	**67.5**	**15**	**64.5**	**57.0**	**76**	**31**	**0**	**3.5**
AGS 2026	**61.2**	**32**	**64.2**	**56.0**	**77**	**32**	**0**	**4.0**
PROGENY 117	**60.7**	**34**	**63.9**	**56.6**	**77**	**32**	**55**	**6.5**
AGS 2060	**65.5**	**21**	**63.8**	**56.2**	**77**	**34**	**0**	**3.5**
SYNGENTA MAGNOLIA	**66.4**	**19**	**63.2**	**56.7**	**79**	**33**	**4**	**4.0**
DELTA GROW 5000	**53.3**	**41**	**63.1**	**56.6**	**77**	**30**	**28**	**5.5**
PROGENY 125	**56.8**	**39**	**62.6**	**56.8**	**78**	**30**	**18**	**5.5**
PIONEER 26R61	**66.7**	**17**	**62.0**	**56.4**	**77**	**32**	**1**	**2.5**
USG 3438	**65.0**	**25**	**61.2**	**56.7**	**84**	**30**	**1**	**4.0**
TERRAL TV8861	**62.3**	**29**	**59.6**	**55.8**	**85**	**30**	**0**	**4.5**
DELTA KING DK9108	**58.6**	**37**	**59.6**	**56.2**	**76**	**34**	**2**	**4.5**
PROGENY PGX 10-2	35.8	46		55.6	90	30	38	6.5
AGS 2052	**61.1**	**33**		**56.3**	**87**	**31**	**1**	**4.0**
PROGENY PGX 10-7	59.6	36		56.8	87	28	0	4.0
TERRAL TV8626	**57.0**	**38**		**56.7**	**87**	**29**	**0**	**4.0**
DIXIE KELSEY	**61.6**	**31**		**56.5**	**86**	**28**	**4**	**5.0**
TERRAL TV8848	**60.5**	**35**		**56.1**	**85**	**30**	**1**	**4.0**
USG 3251	**55.9**	**40**		**56.6**	**85**	**30**	**1**	**4.5**
PROGENY PGX 10-5	63.9	27		55.9	85	30	0	3.5
DIXIE MCALISTER	**64.0**	**26**		**56.5**	**84**	**29**	**0**	**4.0**
TERRAL TV8535	**62.5**	**28**		**56.4**	**84**	**31**	**0**	**4.0**
TERRAL TV8460	**40.0**	**45**		**56.1**	**84**	**33**	**20**	**6.0**
DELTA GROW 7500	**68.9**	**13**		**56.6**	**84**	**31**	**0**	**3.5**
AGS 2056	**67.4**	**16**		**57.0**	**84**	**31**	**0**	**4.0**
TERRAL TV8589	**52.4**	**43**		**56.7**	**84**	**35**	**15**	**5.5**
PIONEER XW09H	52.9	42		56.2	84	28	1	4.5
TERRAL TV8525	66.3	20		56.3	81	30	4	3.5
DELTA GROW 7900	**49.7**	**44**		**56.8**	**81**	**29**	**35**	**7.0**
GA001138-8E36	73.7	2		56.2	80	35	0	3.0
VA05W-139	**71.3**	8		**56.2**	**80**	**30**	**0**	**3.5**
LA01069D-23-4-4	62.1	30		55.8	77	32	5	4.5
GA00067-8E35	69.7	11		56.3	76	32	0	4.0
LA02024E7	69.3	12		56.7	76	33	1	3.0
LA03136E71	66.7	18		56.5	76	32	33	6.0
LA02006E239	73.0	4		56.4	74	33	0	3.5
Mean	**63.7**		**65.9**	**56.4**	**80**	**31**	**6**	**4.1**
CV%	**7**		**7**	**1**	**1**	**6**	**117**	**18**
LSD (0.10)	**5.1**		**ns**	**0.6**	**1**	**2**	**11**	**1.3**

Rice Research Station, Crowley, LA. Dustin Harrell, Don Groth, Ron Regan, James P. Leonards, and Jacob Fluitt.

Cultural and Site: Crowley silt loam. Wheat previous crop. Conventional tillage. Planted 86 lbs seed/acre on 11/09/2010. Surface broadcast 225 lbs of 8-24-24 fertilizer on 11/10/2010. Applied 2.5 oz/A Sencor + 0.4 oz/A Amber on 11/23/2010. Applied Harmony Extra XP @ 0.45 oz/A on 1/28/2011. Surface broadcast 196 lbs of urea on 2/15/2011. Harvested 75 ft-square plots on 5/12/2011.

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

***2-year yield means are least-square (statistical adjustment) to account for some missing reps in 2010.**

Table 6. Wheat performance trial at Jeanerette, LA for 2011.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Ht in	Leaf Rust %	Pheno type 0-9
LA01110D-150	91.4	56.3	83	30	0	2.0
AGS 2035	**83.5**	**57.9**	**82**	**32**	**0**	**2.5**
GA001138-8E36	80.7	58.9	86	33	1	3.0
DYNA-GRO BALDWIN	**78.2**	**57.9**	**88**	**33**	**0**	**3.0**
PIONEER 26R61	**76.4**	**59.1**	**83**	**31**	**0**	**2.5**
DYNA-GRO OGLETHORPE	**73.2**	**57.1**	**84**	**29**	**0**	**4.0**
JAMESTOWN	**72.9**	**58.2**	**82**	**28**	**0**	**3.0**
SYNGENTA MAGNOLIA	**72.3**	**55.5**	**84**	**31**	**5**	**4.0**
GA00067-8E35	72.2	56.8	81	29	0	3.5
SYNGENTA ARCADIA	**72.2**	**58.1**	**81**	**29**	**0**	**4.0**
AGS 2060	**71.7**	**60.2**	**84**	**33**	**0**	**3.0**
LA01069D-23-4-4	71.6	57.8	83	30	1	3.5
LA03136E71	71.4	58.4	81	30	43	6.0
USG 3120	**69.7**	**59.2**	**80**	**31**	**0**	**4.0**
DELTA KING DK9108	**68.7**	**56.1**	**84**	**34**	**3**	**4.0**
SYNGENTA COKER 9553	**68.3**	**57.3**	**88**	**28**	**1**	**4.0**
VA05W-139	67.1	56.4	88	29	0	3.5
TERRAL LA841	**66.4**	**55.3**	**83**	**28**	**0**	**3.0**
LA02024E7	66.3	57.5	83	28	0	3.5
TERRAL TV8848	**65.9**	**56.0**	**98**	**28**	**0**	**5.0**
TERRAL LA821	**65.0**	**58.3**	**81**	**31**	**0**	**3.5**
LA02006E239	64.0	56.4	81	33	0	3.5
DELTA GROW 8300	**63.5**	**55.7**	**84**	**27**	**0**	**4.0**
PROGENY PGX 10-7	61.8	51.4	101	27	0	4.5
AGS 2026	**61.5**	**56.7**	**84**	**28**	**0**	**4.0**
DELTA GROW 7500	**60.6**	**54.8**	**98**	**28**	**1**	**5.5**
PIONEER XW09H	60.6	56.1	96	28	0	4.0
AGS 2052	**58.8**	**53.2**	**101**	**27**	**0**	**4.5**
PROGENY 117	**57.8**	**55.9**	**84**	**30**	**15**	**6.0**
TERRAL TV8626	**57.8**	**53.4**	**99**	**27**	**0**	**5.5**
USG 3438	**57.1**	**54.9**	**100**	**28**	**1**	**5.5**
TERRAL TV8535	**56.8**	**55.8**	**99**	**29**	**0**	**5.5**
TERRAL TV8525	**56.0**	**55.2**	**95**	**26**	**1**	**4.0**
DIXIE MCALISTER	**54.9**	**54.6**	**98**	**28**	**0**	**5.0**
USG 3201	**54.3**	**57.2**	**96**	**28**	**1**	**5.0**
TERRAL TV8861	**53.9**	**55.3**	**100**	**28**	**2**	**4.5**
PROGENY PGX 10-5	53.7	56.2	100	28	0	5.0
USG 3251	**53.4**	**55.3**	**98**	**28**	**0**	**4.0**
DELTA GROW 7900	**52.5**	**57.1**	**94**	**31**	**18**	**6.5**
DELTA GROW 5000	**52.1**	**54.2**	**87**	**28**	**20**	**6.0**
DIXIE KELSEY	**51.9**	**57.9**	**95**	**27**	**6**	**5.5**
PROGENY 125	**49.5**	**54.8**	**86**	**27**	**18**	**5.5**
TERRAL TV8589	**48.5**	**55.0**	**97**	**31**	**5**	**5.5**
AGS 2056	**45.3**	**55.7**	**101**	**26**	**0**	**5.5**
TERRAL TV8460	**42.4**	**56.1**	**100**	**32**	**23**	**7.0**
PROGENY PGX 10-2	25.5	53.2	102	30	30	7.5
Mean	**62.5**	**56.3**	**90**	**29**	**4**	**4.4**
CV%	**12**	**2**	**1**	**4**	**113**	**14**
LSD (0.10)	**9.0**	**1.4**	**1**	**1**	**8**	**1.1**

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

Cultural and Site: 25-25-25 preplant fertilizer. 100-0-17 + 7 iron applied 2-15-2011. Planted 11-10-2010. Harvested 5-11-2011. Finesse herbicide used.

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

Table 7. Wheat performance trial across North Louisiana for 2011.

Brand / variety	Grain Yield[*1] bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Stripe Rust[*2] %	Leaf Rust %	Pheno type 0-9
TERRAL TV8861	**81.8**	**57.5**	**94**	**37**	**none**	**1**	**0**	**3.7**
USG 3120	**81.0**	**59.5**	**83**	**38**	**occurred**	**4**	**0**	**3.5**
PIONEER 26R87	**80.2**	**60.8**	**85**	**36**		**5**	**0**	**3.7**
USG 3438	**80.1**	**56.6**	**92**	**37**		**0**	**0**	**3.6**
JAMESTOWN	**79.8**	**60.8**	**82**	**35**		**0**	**0**	**3.1**
LA02006E239	79.4	59.6	86	40		18	2	4.1
LA01110D-150	79.2	58.4	84	37		14	1	5.2
AGS 2035	**78.2**	**59.5**	**83**	**39**		**1**	**0**	**3.3**
DIXIE MCALISTER	**78.1**	**56.5**	**92**	**37**		**0**	**0**	**3.3**
DELTA GROW 7500	**77.5**	**55.5**	**93**	**37**		**0**	**0**	**3.4**
DYNA-GRO OGLETHORPE	**76.5**	**57.8**	**83**	**34**		**2**	**0**	**3.8**
PIONEER XW09H	**76.5**	**57.8**	**94**	**37**		**0**	**0**	**3.5**
PROGENY PGX 10-5	76.4	55.8	92	36		0	0	3.8
PROGENY PGX 10-7	76.4	55.1	95	38		1	0	3.8
TERRAL TV8525	**75.9**	**58.3**	**91**	**36**		**3**	**1**	**3.8**
TERRAL LA841	**75.4**	**57.3**	**84**	**37**		**0**	**0**	**3.9**
LA02024E7	74.9	59.0	84	37		0	0	4.5
USG 3251	**74.6**	**56.5**	**94**	**39**		**1**	**0**	**3.9**
DIXIE KELSEY	**74.6**	**59.9**	**93**	**36**		**0**	**1**	**4.2**
USG 3295	**74.5**	**59.4**	**87**	**34**		**3**	**0**	**4.9**
AGS 2060	**74.3**	**61.0**	**85**	**40**		**2**	**0**	**3.4**
GA001138-8E36	74.2	60.1	90	41		1	0	3.1
TERRAL TV8626	**74.1**	**55.7**	**94**	**37**		**4**	**0**	**4.0**
GA00067-8E35	73.9	58.7	86	37		0	0	3.4
TERRAL TV8848	**73.3**	**58.1**	**94**	**38**		**0**	**0**	**3.8**
DYNA-GRO BALDWIN	**73.1**	**59.6**	**92**	**41**		**4**	**1**	**3.7**
SYNGENTA COKER 9553	**73.0**	**60.0**	**85**	**38**		**0**	**0**	**3.1**
PROGENY 125	**72.8**	**56.2**	**84**	**36**		**8**	**21**	**3.5**
TERRAL LA821	**72.6**	**58.9**	**82**	**38**		**6**	**0**	**4.3**
AGS 2056	**72.5**	**55.0**	**92**	**36**		**0**	**0**	**3.8**
TERRAL TV8535	**72.5**	**56.1**	**91**	**36**		**0**	**1**	**3.8**
USG 3555	**72.1**	**56.8**	**87**	**33**		**0**	**1**	**3.0**
CROPLAN 8302	**72.1**	**58.3**	**90**	**39**		**0**	**2**	**4.0**
LA01069D-23-4-4	71.8	57.6	84	38		21	0	4.4
VA05W-139	71.8	57.5	92	35		0	0	3.1
DELTA GROW 5000	**71.4**	**56.7**	**85**	**35**		**0**	**25**	**3.8**
AGS 2026	**71.2**	**58.7**	**84**	**36**		**1**	**2**	**3.6**
USG 3201	**70.2**	**59.4**	**93**	**36**		**0**	**1**	**3.8**
SYNGENTA MAGNOLIA	**69.6**	**57.8**	**87**	**40**		**1**	**1**	**3.7**
DELTA KING GR9108	**69.1**	**56.1**	**87**	**44**		**2**	**1**	**4.0**
DELTA GROW 8300	**69.1**	**56.1**	**85**	**37**		**1**	**0**	**4.4**
AGS 2052	**68.7**	**55.3**	**95**	**37**		**2**	**0**	**3.8**
PROGENY 117	**68.5**	**56.1**	**87**	**40**		**6**	**10**	**5.2**
PROGENY 185	**68.2**	**57.7**	**91**	**40**		**13**	**2**	**5.1**
PIONEER 26R61	**68.0**	**59.9**	**88**	**39**		**30**	**0**	**4.2**

Table 7. Wheat performance trial across North Louisiana for 2011.

Brand / variety	Grain Yield [*1] bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Stripe Rust [*2] %	Leaf Rust %	Pheno type 0-9
LA03136E71	67.6	57.6	84	36		12	9	4.9
TERRAL TV8589	**66.8**	**54.9**	**93**	**41**		**2**	**3**	**4.5**
DELTA GROW 7900	**66.6**	**58.1**	**92**	**38**		**12**	**5**	**4.3**
SYNGENTA ARCADIA	**66.3**	**57.1**	**84**	**36**		**63**	**0**	**5.9**
PROGENY 166	**60.9**	**52.6**	**93**	**44**		**5**	**11**	**5.4**
PROGENY PGX 10-2	58.3	57.9	93	41		22	6	6.2
TERRAL TV8460	**56.6**	**50.8**	**95**	**42**		**7**	**7**	**5.3**
MEAN	**72.8**	**57.6**	**89**	**38**		**5**	**2**	**4**
CV%	**9**	**6**	**1**	**4**		**97**	**194**	**12**
LSD (0.10)	**6.4**	**3.3**	**2**	**2**		**7**	**8**	**0.8**

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

***1 Least square** mean yields to adjust for missing reps.

***2 Stripe rust** data from Winnsboro only.

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, 2010 and 2011.

	Grain Yield	Test Wt	Head Day	Plant Height	Stripe Rust	Leaf Rust	Pheno type
TERRAL TV8861	**70.3**	**56.9**	**98**	**35**	**0**	**0**	**3.6**
JAMESTOWN	**69.2**	**58.9**	**89**	**33**	**0**	**0**	**3.1**
USG 3120	**69.0**	**57.9**	**89**	**37**	**2**	**0**	**3.8**
LA01110D-150	68.8	57.1	90	36	5	1	4.8
USG 3438	**68.0**	**55.8**	**96**	**35**	**0**	**0**	**4.0**
PIONEER 26R87	**67.9**	**59.5**	**91**	**35**	**8**	**0**	**3.9**
AGS 2035	**67.7**	**57.9**	**89**	**37**	**0**	**0**	**3.4**
OGLETHORPE	**67.0**	**56.5**	**89**	**33**	**1**	**0**	**3.8**
TERRAL LA841	**66.3**	**56.2**	**90**	**35**	**0**	**0**	**3.8**
SYNGENTA COKER 9553	**65.6**	**58.5**	**92**	**37**	**0**	**0**	**3.4**
BALDWIN	**64.5**	**58.0**	**97**	**40**	**1**	**1**	**3.8**
CROPLAN 8302	**64.4**	**56.9**	**96**	**36**	**0**	**2**	**4.1**
USG 3201	**64.1**	**58.0**	**98**	**34**	**0**	**1**	**3.9**
AGS 2060	**63.6**	**59.7**	**91**	**39**	**4**	**0**	**3.5**
USG 3555	**63.5**	**56.2**	**93**	**32**	**0**	**1**	**3.5**
SYNGENTA MAGNOLIA	**63.2**	**56.9**	**93**	**38**	**1**	**1**	**3.7**
PROGENY 125	**63.2**	**55.3**	**90**	**34**	**3**	**21**	**3.6**
USG 3295	**63.1**	**57.4**	**93**	**33**	**1**	**0**	**5.1**
DELTA GROW 5000	**63.0**	**55.4**	**90**	**34**	**0**	**25**	**3.8**
DELTA GROW 8300	**63.0**	**56.3**	**93**	**36**	**1**	**0**	**4.9**
TERRAL LA821	**62.2**	**57.1**	**89**	**36**	**5**	**0**	**3.9**
PROGENY 117	**61.7**	**55.6**	**92**	**38**	**6**	**10**	**5.3**
AGS 2026	**61.1**	**57.0**	**90**	**34**	**1**	**2**	**3.8**
PIONEER 26R61	**59.9**	**58.4**	**93**	**37**	**10**	**0**	**4.3**
PROGENY 185	**59.7**	**56.5**	**95**	**38**	**16**	**2**	**5.3**
SYNGENTA ARCADIA	**58.8**	**57.1**	**90**	**35**	**21**	**0**	**5.3**
DELTA KING GR9108	**57.6**	**55.4**	**93**	**40**	**1**	**1**	**4.3**
PROGENY 166	**57.4**	**54.5**	**97**	**41**	**2**	**11**	**5.3**
MEAN	**64.1**	**57.0**	**92**	**36**	**3**	**3**	**4.1**
CV%	**10**	**4**	**1**	**5**	**107**	**164**	**14**
LSD (0.10)	**4.4**	**1.2**	**2**	**1**	**10**	**10**	**0.7**

Data from 2010 and 2011 at Dean Lee (Alexandria), Northeast (St. Joseph) and Macon Ridge (Winnsboro) Research Stations and 2010 Red River RS (Bossier City).

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

Table 9. Wheat performance trial across North Louisiana for three years, 2009, 2010 and 2011.

	Grain Yield	Test Wt	Head Day	Plant Height	Lodging score	Stripe Rust	Leaf Rust	Pheno type
	bu/acre	lbs/bu	of yr	in	0-9	%	%	0-9
USG 3120	**72.8**	**58.2**	**86**	**38**	**1.5**	**2**	**0**	**3.7**
PIONEER 26R87	**72.2**	**59.8**	**89**	**36**	**0.4**	**8**	**0**	**3.7**
JAMESTOWN	**71.2**	**58.9**	**86**	**34**	**0.5**	**0**	**9**	**3.1**
AGS 2035	**70.9**	**58.1**	**86**	**38**	**1.0**	**0**	**0**	**3.2**
LA01110D-150	70.1	57.5	87	36	2.0	5	1	4.5
DYNA-GRO BALDWIN	**69.6**	**57.9**	**94**	**40**	**0.6**	**1**	**0**	**3.6**
DYNA-GRO OGLETHORPE	**69.1**	**56.8**	**87**	**34**	**2.7**	**1**	**0**	**3.6**
TERRAL LA841	**69.0**	**56.3**	**87**	**35**	**1.6**	**0**	**8**	**3.7**
SYNGENTA MAGNOLIA	**68.9**	**57.2**	**91**	**38**	**0.5**	**1**	**1**	**3.7**
USG 3295	**68.4**	**57.0**	**92**	**33**	**0.6**	**1**	**1**	**5.0**
AGS 2060	**67.3**	**59.5**	**88**	**39**	**1.8**	**4**	**0**	**3.3**
TERRAL LA821	**67.3**	**57.0**	**86**	**36**	**1.8**	**5**	**0**	**3.7**
USG 3555	**67.2**	**56.1**	**92**	**32**	**0.8**	**0**	**1**	**3.5**
CROPLAN 8302	**67.0**	**56.2**	**95**	**37**	**0.0**	**0**	**7**	**4.1**
SYNGENTA COKER 9553	**66.7**	**58.5**	**90**	**37**	**1.3**	**0**	**2**	**3.4**
PROGENY 117	**66.4**	**55.8**	**90**	**38**	**0.7**	**6**	**23**	**5.1**
AGS 2026	**65.9**	**57.2**	**88**	**35**	**2.4**	**1**	**2**	**3.7**
PROGENY 185	**64.4**	**56.0**	**94**	**38**	**0.8**	**16**	**3**	**5.2**
PIONEER 26R61	**63.1**	**58.5**	**90**	**37**	**0.3**	**10**	**0**	**4.3**
DELTA KING GR9108	**61.7**	**55.6**	**90**	**40**	**1.5**	**1**	**2**	**4.3**
PROGENY 166	**60.3**	**54.6**	**95**	**41**	**0.4**	**2**	**8**	**5.3**
MEAN	**67.6**	**57.2**	**90**	**37**	**1.1**	**3**	**3**	**4.0**
CV%	**10**	**3**	**2**	**5**	**149**	**114**	**193**	**14**
LSD (0.10)	**4.1**	**1.0**	**2**	**1**	**NS**	**7**	**7**	**0.5**

Data from 2009, 2010, and 2011 at Dean Lee (Alexandria), Northeast (St. Joseph) and Macon Ridge (Winnsboro) Research Stations and 2010 Red River RS (Bossier City).

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

Table 10. Wheat performance trial at Alexandria, LA for 2011, with two-year mean yields, sorted by two-year mean yields..

	Grain Yield[*1]			Test	Heading	Plant	Leaf
	2011	rnk	2-Yr	Wt	day	Height	Rust
Brand / variety		bu/a		lbs/bu	of yr	in	%
JAMESTOWN	**82.3**	9	**67.8**	**59.9**	**77**	**39**	**1**
TERRAL LA841	**85.2**	4	**67.5**	**57.0**	**80**	**40**	**0**
AGS 2052	**76.5**	29	**66.4**	**54.3**	**94**	**38**	**1**
USG 3120	**82.8**	8	**66.0**	**58.2**	**77**	**41**	**0**
USG 3295	**81.3**	12	**65.6**	**59.3**	**83**	**37**	**0**
DYNA-GRO BALDWIN	**83.4**	7	**65.3**	**59.5**	**90**	**43**	**3**
LA01110D-150	86.1	3	65.2	57.9	80	40	3
AGS 2056	**77.3**	23	**64.7**	**50.5**	**93**	**38**	**1**
DYNA-GRO OGLETHORPE	**80.5**	16	**63.8**	**56.4**	**80**	**38**	**0**
SYNGENTA MAGNOLIA	**73.3**	48	**63.4**	**57.0**	**84**	**41**	**2**
TERRAL TV8861	**86.7**	2	**63.2**	**54.1**	**93**	**38**	**1**
PIONEER 26R87	**84.1**	5	**62.8**	**59.3**	**84**	**40**	**0**
PROGENY 117	**74.3**	41	**62.7**	**51.9**	**84**	**39**	**20**
USG 3201	**74.3**	42	**62.5**	**58.1**	**93**	**37**	**3**
DELTA GROW 8300	**78.1**	20	**62.0**	**53.7**	**82**	**39**	**1**
AGS 2060	**82.0**	10	**62.0**	**60.5**	**84**	**43**	**0**
AGS 2035	**81.0**	13	**61.7**	**58.4**	**77**	**42**	**0**
PROGENY 125	**77.3**	24	**61.2**	**51.9**	**82**	**36**	**51**
USG 3438	**75.3**	39	**61.1**	**55.1**	**92**	**38**	**1**
SYNGENTA COKER 9553	**73.9**	43	**60.6**	**59.6**	**84**	**38**	**1**
AGS 2026	**75.7**	34	**60.2**	**57.7**	**80**	**37**	**2**
DELTA KING DK9108	**76.9**	27	**60.0**	**52.4**	**84**	**45**	**2**
USG 3555	**73.5**	47	**59.7**	**56.5**	**84**	**36**	**0**
TERRAL LA821	**75.7**	35	**59.2**	**58.9**	**77**	**40**	**0**
PIONEER 26R61	**73.9**	44	**58.0**	**59.3**	**90**	**42**	**0**
PROGENY 185	**73.6**	46	**57.9**	**57.5**	**90**	**39**	**3**
SYNGENTA ARCADIA	**76.2**	31	**57.8**	**53.0**	**77**	**38**	**1**
PROGENY 166	**68.6**	50	**55.6**	**44.2**	**92**	**45**	**7**
GA001138-8E36	86.9	1		59.4	84	45	0
LA02006E239	83.5	6		59.6	84	42	0
DIXIE KELSEY	**81.3**	11		**59.3**	**93**	**38**	**2**
PIONEER XW09H	80.8	14		56.9	93	39	1
TERRAL TV8525	**80.8**	15		**57.1**	**91**	**38**	**1**
GA00067-8E35	79.0	17		58.3	84	39	0
DELTA GROW 5000	**78.8**	18		**55.3**	**82**	**36**	**51**
LA03136E71	78.7	19		53.0	79	38	6
VA05W-139	77.9	21		56.3	91	38	1
TERRAL TV8535	**77.9**	22		**53.7**	**90**	**41**	**2**
PROGENY PGX 10-5	77.2	25		52.9	94	37	0
TERRAL TV8848	**77.0**	26		**58.1**	**94**	**37**	**0**
LA01069D-23-4-4	76.9	28		54.4	80	41	1
DELTA GROW 7500	**76.4**	30		**49.0**	**92**	**36**	**1**
PROGENY PGX 10-7	**75.8**	32		**53.0**	**94**	**38**	**1**
TERRAL TV8626	75.8	33		55.0	93	36	0
CROPLAN 8302	**75.6**	36		**55.8**	**84**	**39**	**4**

Table 10. Wheat performance trial at Alexandria, LA for 2011, with two-year mean yields, sorted by two-year mean yields..

	Grain Yield*1			Test	Heading	Plant	Leaf
	2011	rnk	2-Yr	Wt	day	Height	Rust
Brand / variety		bu/a		lbs/bu	of yr	in	%
LA02024E7	75.3	37		57.5	80	38	0
TERRAL TV8589	**75.3**	**38**		**46.2**	**91**	**42**	**3**
DIXIE MCALISTER	**74.4**	**40**		**54.5**	**93**	**39**	**0**
USG 3251	**73.7**	**45**		**53.1**	**93**	**38**	**0**
DELTA GROW 7900	**73.2**	**49**		**53.1**	**91**	**40**	**2**
TERRAL TV8460	**65.3**	**51**		**31.9**	**94**	**43**	**4**
PROGENY PGX 10-2	65.2	52		52.6	87	41	14
Mean	**77.5**		**62.1**	**55.3**	**86**	**39**	**4**
CV%	**7**		**10**	**10**	**1**	**5**	**148**
LSD (0.10)	**6.6**		**7.3**	**6.7**	**1.4**	**3.1**	**9.1**

Data from Dean Lee Research Station, Alexandria, LA. Brooks Blanche, Boyd Padgett, Millie Deloach and Grayson Close.

Cultural and Site: Planted 11-11-2010 on 76" wide bed; harvested 5-19-2011. No herbicides were applied. P (36#) and K (72#) broadcast on 11/10/2010. Topdress 92 units of N on 2-15-2011. Dry winter and spring led to outstanding grain yield and quality.

***1** Least-square means to account for missing reps of some entries.

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

NS indicates non-significant differences among varieties

Table 11. Wheat performance trial at St. Joseph, LA for 2011, with two-year mean yields, sorted by two-year mean yields..

	Grain Yield[*1]			Test	Heading	Plant	Leaf	Pheno
	2011	rnk	2-Yr	Wt	day	Height	Rust	type
Brand / variety		bu/a		lbs/bu	of yr	in	%	0-9
USG 3438	**87.4**	1	**80.9**	**56.5**	**92**	**37**	**0**	**4.0**
LA01110D-150	81.7	4	75.3	58.2	84	38	0	4.5
JAMESTOWN	**80.8**	5	**74.7**	**60.1**	**83**	**35**	**0**	**3.0**
PIONEER 26R87	**78.0**	8	**74.4**	**60.8**	**85**	**36**	**0**	**3.0**
USG 3120	**79.0**	6	**74.1**	**59.0**	**84**	**38**	**0**	**3.0**
TERRAL TV8861	**77.8**	9	**73.9**	**58.7**	**94**	**37**	**0**	**4.0**
SYNGENTA COKER 9553	**74.1**	19	**73.4**	**59.2**	**85**	**39**	**0**	**3.0**
AGS 2035	**72.5**	21	**72.8**	**59.0**	**84**	**39**	**0**	**3.5**
TERRAL LA841	**70.9**	24	**71.0**	**56.5**	**84**	**37**	**0**	**4.0**
USG 3201	**71.2**	25	**70.7**	**59.4**	**93**	**38**	**0**	**4.0**
DYNA-GRO BALDWIN	**70.6**	26	**69.7**	**59.0**	**91**	**40**	**0**	**3.0**
USG 3555	**70.1**	27	**68.9**	**56.0**	**86**	**34**	**3**	**2.5**
USG 3295	**77.4**	10	**68.4**	**59.1**	**87**	**35**	**0**	**5.0**
PROGENY 125	**71.5**	22	**68.2**	**56.9**	**84**	**38**	**0**	**3.5**
PROGENY 117	**68.8**	30	**68.2**	**57.1**	**87**	**40**	**3**	**4.5**
DYNA-GRO OGLETHORPE	**72.7**	20	**67.9**	**57.6**	**83**	**35**	**0**	**3.5**
SYNGENTA MAGNOLIA	**63.3**	43	**67.8**	**57.4**	**88**	**39**	**0**	**4.0**
CROPLAN 8302	**68.3**	32	**67.2**	**58.6**	**91**	**40**	**2**	**4.0**
DELTA GROW 8300	**58.0**	50	**65.8**	**55.7**	**84**	**37**	**0**	**5.0**
DELTA GROW 5000	**65.5**	42	**65.7**	**55.6**	**85**	**33**	**0**	**4.0**
TERRAL LA821	**65.2**	41	**64.6**	**57.1**	**83**	**39**	**0**	**4.5**
SYNGENTA ARCADIA	**67.2**	35	**64.2**	**58.3**	**86**	**35**	**0**	**4.5**
PIONEER 26R61	**67.4**	34	**64.1**	**59.8**	**87**	**39**	**0**	**3.5**
AGS 2060	**65.3**	40	**63.8**	**60.4**	**86**	**38**	**0**	**3.5**
PROGENY 185	**66.2**	37	**63.3**	**56.6**	**91**	**40**	**3**	**5.0**
PROGENY 166	**61.1**	47	**61.0**	**57.5**	**93**	**43**	**23**	**5.5**
AGS 2026	**59.3**	49	**56.4**	**57.7**	**84**	**37**	**0**	**3.5**
DELTA KING DK9108	**63.3**	44	**55.6**	**57.3**	**88**	**41**	**0**	**4.0**
USG 3251	**82.3**	2		**57.7**	**93**	**39**	**0**	**3.5**
DIXIE MCALISTER	**82.0**	3		**56.6**	**92**	**37**	**0**	**3.0**
LA02006E239	79.0	7		59.1	86	40	5	3.5
DIXIE KELSEY	**77.1**	11		**59.7**	**93**	**39**	**0**	**4.5**
PIONEER XW09H	76.8	12		57.5	94	37	0	3.5
TERRAL TV8626	**75.9**	13		**55.4**	**95**	**38**	**0**	**3.5**
DELTA GROW 7500	**75.8**	14		**57.4**	**92**	**38**	**0**	**3.0**
TERRAL TV8525	**75.5**	15		**57.7**	**90**	**38**	**0**	**3.5**
PROGENY PGX 10-7	75.5	16		55.3	95	38	0	4.0
LA02024E7	75.2	17		59.3	85	39	0	5.5
PROGENY PGX 10-5	74.6	18		56.5	92	36	0	4.0
GA00067-8E35	71.5	23		57.2	86	37	0	3.5
TERRAL TV8848	**69.8**	28		**57.2**	**94**	**38**	**0**	**3.5**
VA05W-139	69.4	29		57.2	91	36	0	3.0
AGS 2056	**68.6**	31		**56.7**	**92**	**38**	**0**	**4.0**
TERRAL TV8535	**67.6**	33		**56.2**	**90**	**35**	**2**	**4.0**
GA001138-8E36	67.0	36		59.5	91	41	0	2.5

Table 11. Wheat performance trial at St. Joseph, LA for 2011, with two-year mean yields, sorted by two-year mean yields..

	Grain Yield*1			Test	Heading	Plant	Leaf	Pheno
	2011	rnk	2-Yr	Wt	day	Height	Rust	type
Brand / variety		bu/a		lbs/bu	of yr	in	%	0-9
AGS 2052	**66.2**	**38**		**55.4**	**95**	**37**	**0**	**4.0**
LA01069D-23-4-4	65.7	39		58.5	85	37	0	3.5
DELTA GROW 7900	**63.2**	**45**		**60.2**	**92**	**40**	**0**	**4.5**
LA03136E71	63.0	46		58.9	86	35	3	4.5
PROGENY PGX 10-2	59.8	48		59.6	95	42	0	6.0
TERRAL TV8589	**57.1**	**51**		**57.6**	**92**	**39**	**0**	**5.0**
TERRAL TV8460	**55.2**	**52**		**56.9**	**96**	**43**	**8**	**5.0**
Mean	**70.5**			**57.9**	**89**	**38**	**1**	**3.9**
CV%	**10**			**1**	**2**	**4**	**232**	**16**
LSD (0.10)	**8.2**			**0.8**	**1.8**	**2.7**	**3.6**	**1.0**

Data from Northeast Research Station, St.Joseph, LA. Rick Mascagni, Tafi Brown, Boyd Padgett, and Myra Purvis.

Cultural and Site: Planted 11-19-2010, harvested 5-20-2011. 3.0 oz/acre Sencor herbicide on 12-7-2010. Topdress 100lb N (30-0-0-2) on 2-17-2011.

***1** Least-square means to account for missing reps of some entries.

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

NS indicates non-significant differences among varieties

Table 12. Wheat performance trial at Winnsboro, LA for 2011, with two-year mean yields, sorted by two-year mean yields.

Brand / variety	Grain Yield[*1] 2011	rnk	2-Yr	Test Wt	Heading day	Plant Height	Leaf Rust	Stripe Rust	Pheno type
	bu/a			lbs/bu	of yr	in	%	%	0-9
TERRAL TV8861	**80.8**	4	**77.6**	**59.8**	**95**	**37**	**0**	**1**	**3.5**
AGS 2035	**81.1**	2	**75.6**	**61.0**	**85**	**38**	**0**	**1**	**3.2**
PIONEER 26R87	**78.6**	6	**72.9**	**62.1**	**86**	**35**	**0**	**5**	**4.2**
DYNA-GRO OGLETHORPE	**76.4**	12	**72.6**	**59.7**	**85**	**33**	**0**	**2**	**4.0**
TERRAL LA821	**77.0**	11	**71.6**	**60.8**	**84**	**37**	**0**	**6**	**4.2**
AGS 2026	**78.7**	5	**71.5**	**60.5**	**86**	**35**	**5**	**1**	**3.7**
USG 3120	**81.2**	1	**70.8**	**61.3**	**85**	**37**	**0**	**4**	**3.8**
JAMESTOWN	**76.4**	13	**70.5**	**62.5**	**85**	**33**	**0**	**0**	**3.2**
CROPLAN 8302	**71.5**	24	**68.8**	**59.9**	**93**	**38**	**0**	**0**	**4.0**
TERRAL LA841	**70.0**	30	**68.3**	**58.4**	**86**	**35**	**0**	**0**	**3.8**
USG 3438	**77.6**	9	**67.6**	**58.3**	**92**	**36**	**0**	**0**	**3.3**
LA01110D-150	69.8	31	67.0	58.9	86	36	0	14	5.7
AGS 2060	**75.5**	15	**66.8**	**62.0**	**86**	**41**	**0**	**2**	**3.3**
SYNGENTA MAGNOLIA	**72.3**	20	**66.4**	**59.1**	**88**	**40**	**0**	**1**	**3.5**
PROGENY 125	**69.7**	33	**66.2**	**59.9**	**86**	**35**	**11**	**8**	**3.5**
USG 3555	**72.7**	19	**66.0**	**57.9**	**90**	**32**	**0**	**0**	**3.3**
DELTA GROW 5000	**69.8**	32	**65.7**	**59.2**	**86**	**36**	**25**	**0**	**3.7**
PROGENY 117	**62.6**	47	**65.3**	**59.3**	**88**	**41**	**8**	**6**	**5.7**
DYNA-GRO BALDWIN	**65.3**	40	**65.3**	**60.6**	**95**	**41**	**0**	**4**	**4.2**
SYNGENTA COKER 9553	**71.1**	28	**64.8**	**61.1**	**87**	**38**	**0**	**0**	**3.2**
USG 3201	**65.0**	41	**63.9**	**60.6**	**94**	**35**	**0**	**0**	**3.7**
PROGENY 185	**64.9**	42	**62.9**	**58.9**	**92**	**40**	**0**	**13**	**5.2**
DELTA KING DK9108	**67.2**	38	**62.8**	**58.5**	**88**	**45**	**0**	**2**	**4.0**
DELTA GROW 8300	**71.1**	27	**62.5**	**58.7**	**87**	**36**	**0**	**1**	**4.2**
PIONEER 26R61	**62.8**	46	**61.1**	**60.5**	**88**	**37**	**0**	**30**	**4.7**
USG 3295	**64.9**	43	**59.3**	**59.9**	**89**	**33**	**0**	**3**	**4.8**
SYNGENTA ARCADIA	**55.6**	49	**58.9**	**59.9**	**85**	**36**	**0**	**63**	**6.8**
PROGENY 166	**53.1**	50	**57.0**	**59.0**	**93**	**43**	**4**	**5**	**5.3**
DELTA GROW 7500	**80.8**	3		**58.6**	**93**	**36**	**0**	**0**	**3.7**
DIXIE MCALISTER	**78.2**	7		**58.5**	**92**	**37**	**0**	**0**	**3.5**
PROGENY PGX 10-7	78.0	8		57.1	97	39	0	1	3.7
PROGENY PGX 10-5	77.5	10		58.1	92	35	0	0	3.7
LA02006E239	75.7	14		60.3	87	39	0	18	4.5
LA02024E7	74.9	16		59.9	85	36	0	0	3.8
TERRAL TV8848	**73.2**	17		**58.8**	**94**	**39**	**0**	**0**	**4.0**
LA01069D-23-4-4	73.1	18		59.9	87	37	0	21	5.0
TERRAL TV8535	**72.1**	21		**58.5**	**92**	**35**	**0**	**0**	**3.7**
PIONEER XW09H	71.9	22		58.8	94	36	0	0	3.5
AGS 2056	**71.7**	23		**57.8**	**92**	**35**	**0**	**0**	**3.7**
GA00067-8E35	71.4	25		60.5	87	37	0	0	3.3
TERRAL TV8525	**71.2**	26		**60.0**	**92**	**35**	**2**	**3**	**4.0**
TERRAL TV8626	**70.8**	29		**56.7**	**95**	**37**	**0**	**4**	**4.3**
GA001138-8E36	68.6	34		61.6	92	38	0	1	3.5
TERRAL TV8589	**68.1**	35		**58.8**	**95**	**42**	**5**	**2**	**4.2**
VA05W-139	**67.9**	36		**59.0**	**93**	**33**	**0**	**0**	**3.2**

Table 12. Wheat performance trial at Winnsboro, LA for 2011, with two-year mean yields, sorted by two-year mean yields.

Brand / variety	Grain Yield*1 2011	rnk	Grain Yield*1 2-Yr	Test Wt	Heading day	Plant Height	Leaf Rust	Stripe Rust	Pheno type
	bu/a			lbs/bu	of yr	in	%	%	0-9
USG 3251	**67.9**	**37**		**58.7**	**95**	**39**	**0**	**1**	**4.2**
DIXIE KELSEY	**65.5**	**39**		**60.6**	**94**	**34**	**0**	**0**	**4.0**
AGS 2052	**63.6**	**44**		**56.3**	**96**	**37**	**0**	**2**	**3.7**
DELTA GROW 7900	**63.2**	**45**		**61.0**	**92**	**37**	**14**	**12**	**4.2**
LA03136E71	61.2	48		60.8	85	36	18	12	5.2
PROGENY PGX 10-2	50.1	51		60.1	95	40	5	22	6.3
TERRAL TV8460	**49.3**	**52**		**58.9**	**94**	**42**	**10**	**7**	**5.5**
Mean	**70.4**		**66.9**	**59.6**	**90**	**37**	**2**	**5**	**4.1**
CV%	**9**		**9**	**1**	**1**	**4**	**228**	**97**	**10**
LSD (0.10)	**7.8**		**8.8**	**0.8**	**1.2**	**1.9**	**7.7**	**7.0**	**0.6**

Data from Northeast Research Station, St.Joseph, LA. Rick Mascagni, Tafi Brown, Boyd Padgett, and Myra Purvis.

Cultural and Site: Planted 11-19-2010, harvested 5-17-2011. 0.5 oz/acre Harmony Extra herbicide (plus 0.25% NIS) on 11-22-2010. Topdress 100lb N (30-0-0-2) on 2-15-2011.

***1** Least-square means to account for missing reps of some entries.

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

NS indicates non-significant differences among varieties

Table 13. Wheat performance trial across North and South Louisiana for 2011.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Stripe Rust %	Leaf Rust %	Pheno type 0-9
LA01110D-150	82.1	57.8	82	35	0.3	14	0	3.8
AGS 2035	**80.3**	**58.9**	**81**	**36**	**0.3**	**1**	**0**	**3.2**
USG 3120	**80.2**	**59.1**	**80**	**36**	**0.3**	**4**	**0**	**3.5**
GA001138-8E36	78.7	59.3	87	38	0.5	1	0	3.2
JAMESTOWN	**78.5**	**59.7**	**80**	**32**	**0.3**	**0**	**0**	**3.1**
LA02006E239	77.1	58.7	82	37	0.3	18	1	3.8
DYNA-GRO OGLETHORPE	**76.5**	**57.4**	**82**	**32**	**0.7**	**2**	**0**	**4.0**
DYNA-GRO BALDWIN	**75.6**	**58.8**	**88**	**38**	**0.3**	**4**	**0**	**3.5**
TERRAL LA841	**75.1**	**57.0**	**82**	**34**	**0.5**	**0**	**0**	**3.7**
GA00067-8E35	74.7	58.1	82	34	0.5	0	0	3.8
TERRAL TV8861	**74.7**	**57.1**	**93**	**33**	**0.3**	**1**	**1**	**4.1**
DELTA GROW 7500	**74.4**	**56.0**	**91**	**33**	**0.3**	**0**	**0**	**4.0**
USG 3438	**74.3**	**56.6**	**91**	**33**	**0.3**	**0**	**1**	**4.2**
TERRAL LA821	**74.2**	**58.5**	**80**	**36**	**0.5**	**6**	**0**	**3.9**
AGS 2060	**73.9**	**60.2**	**83**	**37**	**0.7**	**2**	**0**	**3.4**
LA02024E7	73.7	58.4	82	34	0.3	0	1	3.9
PROGENY PGX 10-7	73.3	55.0	94	33	0.3	1	0	4.1
SYNGENTA COKER 9553	**73.1**	**58.9**	**85**	**34**	**0.3**	**0**	**0**	**3.2**
DIXIE MCALISTER	**72.8**	**56.4**	**91**	**33**	**0.3**	**0**	**0**	**3.9**
LA01069D-23-4-4	72.8	57.7	82	35	0.3	21	2	4.0
VA05W-139	72.7	57.4	88	33	0.3	0	0	3.5
SYNGENTA MAGNOLIA	**72.5**	**57.3**	**84**	**36**	**0.3**	**1**	**2**	**3.8**
PROGENY PGX 10-5	72.3	56.2	92	33	0.3	0	0	4.0
PIONEER XW09H	72.2	57.3	91	33	0.3	0	0	3.9
TERRAL TV8848	**71.7**	**57.4**	**92**	**34**	**0.3**	**0**	**0**	**4.2**
SYNGENTA ARCADIA	**71.5**	**57.5**	**81**	**34**	**0.3**	**63**	**0**	**4.8**
TERRAL TV8525	**71.5**	**57.5**	**89**	**33**	**0.3**	**3**	**1**	**3.9**
DELTA GROW 8300	**71.1**	**56.5**	**82**	**33**	**0.5**	**1**	**0**	**4.2**
PIONEER 26R61	**70.8**	**59.3**	**84**	**36**	**0.3**	**30**	**0**	**3.5**
DIXIE KELSEY	**70.7**	**59.0**	**92**	**32**	**0.3**	**0**	**2**	**4.7**
LA03136E71	70.7	58.0	81	34	0.2	12	18	5.0
AGS 2026	**70.6**	**57.9**	**82**	**33**	**1.0**	**1**	**1**	**3.8**
TERRAL TV8626	**70.0**	**55.5**	**93**	**33**	**0.3**	**4**	**0**	**4.4**
TERRAL TV8535	**69.7**	**56.4**	**91**	**33**	**0.3**	**0**	**1**	**4.3**
DELTA KING GR9108	**69.7**	**56.4**	**84**	**39**	**0.5**	**2**	**1**	**4.2**
USG 3251	**69.4**	**56.7**	**93**	**34**	**0.3**	**1**	**0**	**4.2**
USG 3201	**69.2**	**58.6**	**92**	**33**	**0.3**	**0**	**1**	**4.3**
PROGENY 117	**69.1**	**56.6**	**84**	**36**	**0.3**	**6**	**18**	**5.4**
AGS 2052	**69.0**	**55.4**	**94**	**33**	**0.3**	**2**	**0**	**4.0**
AGS 2056	**68.9**	**55.9**	**92**	**33**	**0.3**	**0**	**0**	**4.2**
PROGENY 125	**68.9**	**56.3**	**83**	**32**	**0.3**	**8**	**18**	**4.3**
DELTA GROW 5000	**67.8**	**56.4**	**83**	**33**	**0.5**	**0**	**22**	**4.6**
DELTA GROW 7900	**64.4**	**58.0**	**89**	**35**	**0.5**	**12**	**12**	**5.2**
TERRAL TV8589	**62.4**	**55.5**	**92**	**37**	**0.5**	**2**	**5**	**5.1**
TERRAL TV8460	**54.3**	**54.0**	**93**	**38**	**0.7**	**7**	**16**	**5.8**
PROGENY PGX 10-2	50.5	56.7	94	36	0.7	22	16	6.5
MEAN	**71.7**	**57.4**	**87**	**34**	**0.4**	**6**	**3**	**4.1**
CV%	**8**	**4**	**1**	**5**	**48**	**97**	**151**	**13**
LSD (0.10)	**5.6**	**1.7**	**2**	**1**	**ns**		**6**	**0.7**

Data from Ben Hur (Baton Rouge), Iberia (Jeanerette), Rice (Crowley), 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 14. Wheat performance trial across North and South Louisiana for 2011.

Brand / variety	Regional and Single Location Grain Yield								Statewide Averages						
	North Louisiana				South Louisiana				Grain Yield	Test Wt	Hd Day	Plt Ht	Lod	Stripe Rust	Leaf Rust
	MEAN	AX	SJ	WN	MEAN	BR	CR	JE	bu/a	lbs/bu	of yr	in	0-9	%	%
LA01110D-150	**79.2**	86.1	81.7	69.8	**85.2**	93.3	73.0	91.4	82.1	57.8	82	35	0.3	14	0
AGS 2035	**78.2**	81.0	72.5	81.1	**82.4**	91.9	71.8	83.5	**80.3**	**58.9**	**81**	**36**	**0.3**	**1**	**0**
USG 3120	**81.0**	82.8	79.0	81.2	**79.4**	88.0	80.7	69.7	**80.2**	**59.1**	**80**	**36**	**0.3**	**4**	**0**
GA001138-8E36	**74.2**	86.9	67.0	68.6	**83.3**	95.4	73.7	80.7	78.7	59.3	87	38	0.5	1	0
JAMESTOWN	**79.8**	82.3	80.8	76.4	**77.1**	85.6	72.8	72.9	**78.5**	**59.7**	**80**	**32**	**0.3**	**0**	**0**
LA02006E239	**79.4**	83.5	79.0	75.7	**75.1**	88.4	73.0	64.0	77.1	58.7	82	37	0.3	18	1
DYNA-GRO OGLETHORPE	**76.5**	80.5	72.7	76.4	**76.4**	90.0	65.2	73.2	**76.5**	**57.4**	**82**	**32**	**0.7**	**2**	**0**
DYNA-GRO BALDWIN	**73.1**	83.4	70.6	65.3	**78.3**	85.4	71.2	78.2	**75.6**	**58.8**	**88**	**38**	**0.3**	**4**	**0**
TERRAL LA841	**75.4**	85.2	70.9	70.0	**74.5**	86.3	70.7	66.4	**75.1**	**57.0**	**82**	**34**	**0.5**	**0**	**0**
GA00067-8E35	**73.9**	79.0	71.5	71.4	**75.4**	84.2	69.7	72.2	74.7	58.1	82	34	0.5	0	0
TERRAL TV8861	**81.8**	86.7	77.8	80.8	**67.6**	86.4	62.3	53.9	**74.7**	**57.1**	**93**	**33**	**0.3**	**1**	**1**
DELTA GROW 7500	**77.5**	76.4	75.8	80.8	**71.3**	84.5	68.9	60.6	**74.4**	**56.0**	**91**	**33**	**0.3**	**0**	**0**
USG 3438	**80.1**	75.3	87.4	77.6	**69.6**	86.8	65.0	57.1	**74.3**	**56.6**	**91**	**33**	**0.3**	**0**	**1**
TERRAL LA821	**72.6**	75.7	65.2	77.0	**75.7**	90.0	72.1	65.0	**74.2**	**58.5**	**80**	**36**	**0.5**	**6**	**0**
AGS 2060	**74.3**	82.0	65.3	75.5	**73.4**	83.1	65.5	71.7	**73.9**	**60.2**	**83**	**37**	**0.7**	**2**	**0**
LA02024E7	**74.9**	75.3	75.2	74.9	**72.3**	81.5	69.3	66.3	73.7	58.4	82	34	0.3	0	1
PROGENY PGX 10-7	**76.4**	75.8	75.5	78.0	**69.9**	86.1	59.6	61.8	73.3	55.0	94	33	0.3	1	0
SYNGENTA COKER 9553	**73.0**	73.9	74.1	71.1	**73.2**	86.0	65.3	68.3	**73.1**	**58.9**	**85**	**34**	**0.3**	**0**	**0**
DIXIE MCALISTER	**78.1**	74.4	82.0	78.2	**68.2**	85.8	64.0	54.9	**72.8**	**56.4**	**91**	**33**	**0.3**	**0**	**0**
LA01069D-23-4-4	**71.8**	76.9	65.7	73.1	**73.7**	87.4	62.1	71.6	72.8	57.7	82	35	0.3	21	2
VA05W-139	**71.8**	77.9	69.4	67.9	**73.6**	82.5	71.3	67.1	72.7	57.4	88	33	0.3	0	0
SYNGENTA MAGNOLIA	**69.6**	73.3	63.3	72.3	**75.3**	87.3	66.4	72.3	**72.5**	**57.3**	**84**	**36**	**0.3**	**1**	**2**
PROGENY PGX 10-5	**76.4**	77.2	74.6	77.5	**68.2**	87.1	63.9	53.7	72.3	56.2	92	33	0.3	0	0
PIONEER XW09H	**76.5**	80.8	76.8	71.9	**67.8**	89.9	52.9	60.6	72.2	57.3	91	33	0.3	0	0
TERRAL TV8848	**73.3**	77.0	69.8	73.2	**69.6**	86.8	60.5	65.9	**71.7**	**57.4**	**92**	**34**	**0.3**	**0**	**0**
SYNGENTA ARCADIA	**66.3**	76.2	67.2	55.6	**76.7**	89.3	68.6	72.2	**71.5**	**57.5**	**81**	**34**	**0.3**	**63**	**0**
TERRAL TV8525	**75.9**	80.8	75.5	71.2	**67.1**	78.9	66.3	56.0	**71.5**	**57.5**	**89**	**33**	**0.3**	**3**	**1**
DELTA GROW 8300	**69.1**	78.1	58.0	71.1	**72.0**	85.1	67.5	63.5	**71.1**	**56.5**	**82**	**33**	**0.5**	**1**	**0**
PIONEER 26R61	**68.0**	73.9	67.4	62.8	**73.1**	77.0	66.7	76.4	**70.8**	**59.3**	**84**	**36**	**0.3**	**30**	**0**
DIXIE KELSEY	**74.6**	81.3	77.1	65.5	**66.8**	86.9	61.6	51.9	**70.7**	**59.0**	**92**	**32**	**0.3**	**0**	**2**
LA03136E71	**67.6**	78.7	63.0	61.2	**73.7**	83.0	66.7	71.4	70.7	58.0	81	34	0.2	12	18
AGS 2026	**71.2**	75.7	59.3	78.7	**70.0**	87.5	61.2	61.5	**70.6**	**57.9**	**82**	**33**	**1.0**	**1**	**1**
TERRAL TV8626	**74.1**	75.8	75.9	70.8	**65.9**	83.0	57.0	57.8	**70.0**	**55.5**	**93**	**33**	**0.3**	**4**	**0**
TERRAL TV8535	**72.5**	77.9	67.6	72.1	**66.8**	81.0	62.5	56.8	**69.7**	**56.4**	**91**	**33**	**0.3**	**0**	**1**
DELTA KING GR9108	**69.1**	76.9	63.3	67.2	**70.2**	83.2	58.6	68.7	**69.7**	**56.4**	**84**	**39**	**0.5**	**2**	**1**
USG 3251	**74.6**	73.7	82.3	67.9	**64.2**	83.4	55.9	53.4	**69.4**	**56.7**	**93**	**34**	**0.3**	**1**	**0**
USG 3201	**70.2**	74.3	71.2	65.0	**68.3**	85.5	65.1	54.3	**69.2**	**58.6**	**92**	**33**	**0.3**	**0**	**1**
PROGENY 117	**68.5**	74.3	68.8	62.6	**69.6**	90.4	60.7	57.8	**69.1**	**56.6**	**84**	**36**	**0.3**	**6**	**18**
AGS 2052	**68.7**	76.5	66.2	63.6	**69.2**	87.7	61.1	58.8	**69.0**	**55.4**	**94**	**33**	**0.3**	**2**	**0**
AGS 2056	**72.5**	77.3	68.6	71.7	**65.3**	83.3	67.4	45.3	**68.9**	**55.9**	**92**	**33**	**0.3**	**0**	**0**
PROGENY 125	**72.8**	77.3	71.5	69.7	**65.0**	88.8	56.8	49.5	**68.9**	**56.3**	**83**	**32**	**0.3**	**8**	**18**
DELTA GROW 5000	**71.4**	78.8	65.5	69.8	**64.2**	87.0	53.3	52.1	**67.8**	**56.4**	**83**	**33**	**0.5**	**0**	**22**
DELTA GROW 7900	**66.6**	73.2	63.2	63.2	**62.2**	84.4	49.7	52.5	**64.4**	**58.0**	**89**	**35**	**0.5**	**12**	**12**
TERRAL TV8589	**66.8**	75.3	57.1	68.1	**57.9**	72.8	52.4	48.5	**62.4**	**55.5**	**92**	**37**	**0.5**	**2**	**5**
TERRAL TV8460	**56.6**	65.3	55.2	49.3	**52.0**	73.6	40.0	42.4	**54.3**	**54.0**	**93**	**38**	**0.7**	**7**	**16**
PROGENY PGX 10-2	**58.3**	65.2	59.8	50.1	**42.6**	66.6	35.8	25.5	50.5	56.7	94	36	0.7	22	16
MEAN	**72.8**	**77.5**	**70.5**	**70.4**	**70.4**	**85.1**	**63.7**	**62.5**	**71.7**	**57.4**	**87**	**34**	**0.4**	**6**	**3**
CV%	**9**	**7**	**10**	**9**	**8**	**5**	**7**	**12**	**8**	**4**	**1**	**5**	**48**	**97**	**151**
LSD (0.10)	**6.4**	**6.6**	**8.2**	**7.8**	**8.0**	**4.7**	**5.1**	**9.0**	**5.6**	**1.7**	**2**	**1**	**ns**		**6**

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

Table 15. Wheat performance trial across North and South Louisiana for two years, 2010 and 2011.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Stripe Rust %	Leaf Rust %	Pheno type 0-9
LA01110D-150	71.1	57.0	87	35	0.2	3	0	3.9
USG 3120	**70.9**	**58.0**	**86**	**36**	**0.2**	**5**	**0**	**3.7**
AGS 2035	**70.1**	**57.7**	**86**	**36**	**0.2**	**1**	**0**	**3.5**
JAMESTOWN	**69.8**	**58.5**	**86**	**32**	**0.2**	**1**	**0**	**3.2**
DYNA-GRO BALDWIN	**67.2**	**57.7**	**93**	**38**	**0.2**	**1**	**0**	**3.9**
DYNA-GRO OGLETHORPE	**66.9**	**56.6**	**87**	**32**	**0.3**	**1**	**0**	**4.1**
TERRAL LA841	**66.8**	**56.2**	**87**	**33**	**0.3**	**1**	**0**	**3.9**
TERRAL TV8861	**66.8**	**56.5**	**97**	**33**	**0.2**	**0**	**1**	**4.3**
SYNGENTA COKER 9553	**66.8**	**58.1**	**90**	**35**	**0.2**	**0**	**0**	**3.5**
USG 3438	**65.4**	**55.7**	**95**	**33**	**0.2**	**0**	**1**	**4.4**
SYNGENTA MAGNOLIA	**65.2**	**56.7**	**90**	**36**	**0.2**	**2**	**2**	**3.8**
TERRAL LA821	**64.5**	**57.3**	**86**	**35**	**0.3**	**11**	**0**	**3.9**
USG 3201	**64.1**	**57.6**	**96**	**32**	**0.2**	**0**	**1**	**4.4**
AGS 2060	**64.1**	**59.2**	**88**	**37**	**0.3**	**8**	**0**	**3.7**
DELTA GROW 8300	**64.0**	**56.2**	**90**	**34**	**0.3**	**1**	**0**	**4.7**
SYNGENTA ARCADIA	**63.3**	**57.5**	**86**	**34**	**0.2**	**14**	**0**	**4.6**
PROGENY 125	**62.5**	**55.6**	**88**	**33**	**0.2**	**3**	**18**	**4.2**
PROGENY 117	**62.4**	**56.0**	**88**	**35**	**0.2**	**12**	**18**	**5.3**
DELTA GROW 5000	**62.3**	**55.5**	**89**	**33**	**0.3**	**1**	**22**	**4.5**
PIONEER 26R61	**62.2**	**58.3**	**90**	**35**	**0.2**	**6**	**0**	**3.9**
AGS 2026	**61.9**	**56.9**	**88**	**33**	**0.5**	**3**	**1**	**4.1**
DELTA KING GR9108	**59.2**	**55.7**	**89**	**38**	**0.3**	**2**	**1**	**4.5**
MEAN	**65.3**	**57.0**	**89**	**34**	**0.2**	**3**	**3**	**4.1**
CV%	**10**	**3**	**1**	**5**	**54**	**125**	**147**	**14**
LSD (0.10)	**3.8**	**0.7**	**1**	**1**	**ns**	**ns**	**6**	**0.6**

Data from 2010 and 2011 at Ben Hur (Baton Rouge),Rice (Crowley), Dean Lee (Alexandria), Northeast (St. Joseph) and Macon Ridge (Winnsboro); **2010** Red River (Bossier City), and 2011 Iberia (Jeanerette) Research Stations. Iberia (Jeanerette),

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

Table 16. Wheat performance trial across North and South Louisiana for three years, 2009, 2010 and 2011.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lodging 0-9	Stripe Rust %	Leaf Rust %	Pheno type 0-9
LA01110D-150	73.3	57.4	85	35	1.6	3	1	3.8
AGS 2035	**73.1**	**58.0**	**83**	**36**	**1.2**	**1**	**0**	**3.5**
DYNA-GRO BALDWIN	**72.9**	**57.8**	**90**	**38**	**0.5**	**1**	**0**	**3.7**
JAMESTOWN	**71.9**	**58.7**	**83**	**32**	**0.6**	**1**	**4**	**3.3**
USG 3120	**71.6**	**58.2**	**82**	**36**	**1.3**	**5**	**0**	**3.8**
SYNGENTA MAGNOLIA	**70.7**	**57.2**	**87**	**36**	**0.8**	**2**	**3**	**3.8**
TERRAL LA841	**69.3**	**56.3**	**85**	**34**	**1.4**	**1**	**5**	**3.9**
DYNA-GRO OGLETHORPE	**69.2**	**56.9**	**87**	**33**	**1.6**	**1**	**0**	**4.2**
TERRAL LA821	**69.0**	**57.4**	**83**	**35**	**1.2**	**11**	**0**	**3.7**
AGS 2060	**66.9**	**59.1**	**83**	**37**	**1.9**	**8**	**0**	**3.7**
PIONEER 26R61	**66.3**	**58.4**	**87**	**36**	**0.5**	**6**	**1**	**3.8**
AGS 2026	**66.3**	**57.0**	**87**	**33**	**1.6**	**3**	**1**	**4.2**
PROGENY 117	**65.3**	**56.3**	**86**	**36**	**1.3**	**12**	**22**	**5.3**
SYNGENTA COKER 9553	**64.8**	**57.9**	**89**	**35**	**0.9**	**0**	**3**	**3.9**
DELTA KING GR9108	**62.3**	**56.0**	**86**	**38**	**1.4**	**2**	**2**	**4.4**
MEAN	**68.9**	**57.5**	**86**	**35**	**1.2**	**4**	**3**	**3.9**
CV%	**10**	**2**	**2**	**4**	**101**	**127**	**174**	**15**
LSD (0.10)	**3.5**	**0.5**	**2**	**1**	**0.8**	**5.2**	**5**	**0.4**

Data from 2009, 2010 and 2011 at Ben Hur (Baton Rouge),Rice (Crowley), Dean Lee (Alexandria), Northeast (St. Joseph) and Macon Ridge (Winnsboro); **2010** and **2011** Iberia (Jeanerette); and **2010** Red River Reseaach Stations (Bossier City).

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

Table 17. Wheat Prelim-A across four locations, Baton Rouge, Winnsboro, Bay, AR, and and Stoneveille, MS for 2011.

Brand / variety	Grain Yield bu/a	Test Weight lbs/bu	Seed Quality 0-9	Heading Day of yr	Plant Height in	Lodging 0-9	Stripe Rust 0-9	Sept oria 0-9	Pheno type 0-9
LA04041D-63	88.9	58.8	3.5	89	35	1.0	0.0	4.0	4.1
AGS 2035	**88.1**	**58.7**	**4.0**	**91**	**39**	**0.6**	**0.0**	**4.3**	**4.4**
BALDWIN	**81.2**	**59.0**	**4.5**	**97**	**39**	**0.6**	**0.5**	**2.8**	**3.9**
LA04026D-7	81.1	59.9	5.0	90	37	1.4	0.0	3.3	4.0
LA01110D-150	**80.6**	**58.0**	**2.0**	**90**	**37**	**1.2**	**1.5**	**4.8**	**4.0**
LA06148C-P3	78.7	59.6	2.5	90	39	0.6	0.5	4.3	4.2
AGS 2060	**78.5**	**60.2**	**4.0**	**93**	**38**	**0.8**	**0.5**	**4.3**	**4.1**
LA05130D-P5	78.5	58.6	5.0	93	36	0.6	0.0	4.8	4.0
LA04136D-23	78.0	57.4	5.0	95	37	1.6	1.5	3.3	3.8
LA04051D-4	78.0	58.6	4.0	89	37	1.2	0.5	4.3	4.8
LA05032D-P2	77.4	56.2	4.0	88	35	1.4	0.0	4.3	4.3
LA04110D-7	77.1	59.8	4.0	89	39	1.2	0.5	4.5	4.5
LA03012E-15	77.1	57.6	4.0	93	37	1.4	1.0	3.5	4.3
LA06148C-P20	77.0	59.6	3.0	88	36	1.2	0.5	4.8	4.7
LA05057D-P4	77.0	57.2	5.0	92	37	1.0	0.5	5.5	4.8
LA06055C-P27	76.8	57.8	4.0	90	38	1.4	0.5	4.0	4.7
TERRAL LA841	**76.0**	**55.8**	**3.5**	**92**	**37**	**1.0**	**0.0**	**3.8**	**4.1**
LA05120D-P14	75.9	56.8	3.5	89	35	1.4	0.0	3.0	4.4
LA03091E-45	75.6	58.0	2.0	90	37	0.6	3.5	4.8	4.4
FL04357E-P12	75.6	58.3	4.5	93	38	1.2	1.0	4.0	4.0
LA03218E-27	75.6	59.4	5.0	86	36	1.0	2.5	4.0	4.3
LA04169D-9	75.4	58.0	3.5	94	39	1.6	0.0	4.8	4.1
FL04363E-P5	75.3	56.0	4.0	92	38	1.6	1.0	4.3	4.3
LA03216E-9	75.2	57.4	3.5	90	38	1.4	0.0	4.8	4.2
LA05111D-P4	74.9	57.7	4.0	89	38	0.8	1.5	4.3	3.8
LA03217E-9	74.3	60.8	5.0	88	38	1.0	0.0	4.5	4.7
LA06148C-P9	74.1	58.9	3.0	94	38	0.8	0.5	5.0	4.5
LA05111D-P3	73.7	57.4	3.5	95	39	0.8	3.0	4.5	4.1
LA03224E-9	73.3	59.6	4.0	89	38	0.8	0.5	4.5	4.6
LA05032D-P3	72.9	55.6	4.0	88	36	2.0	0.5	3.8	4.0
LA04119D-21	72.7	58.2	5.0	87	37	1.0	0.0	5.3	4.8
LA05027D-P3	72.6	58.8	3.5	90	34	0.6	5.0	3.5	4.7
FL04381E-P13	72.5	57.9	4.0	87	36	1.0	0.0	4.3	4.3
LA04001D-34	72.2	57.7	4.0	93	38	2.2	0.0	3.8	4.8
LA04044D-P7	70.6	58.2	3.5	97	34	0.6	3.5	4.8	5.0
FL04331E-P11	70.2	58.1	5.0	91	38	3.6	0.0	5.5	5.0
LA04110D-22	70.1	58.3	5.0	90	38	7.2	2.0	4.5	4.1
LA02151F-18	69.4	58.1	4.0	94	34	1.0	3.5	5.5	5.5
LA06148C-P43	69.1	59.3	4.0	88	40	1.0	0.0	3.8	4.8
LA04019D-3	67.9	58.6	5.5	89	37	1.6	0.0	5.5	4.8
LA04003D-40	66.4	58.4	4.5	89	40	7.8	1.5	4.5	5.3
LA04026D-3	66.1	60.2	5.0	88	35	1.4	0.0	4.8	5.0
FL04322E-P19	65.8	55.1	3.5	95	37	4.8	0.0	3.8	4.3
FL04322E-P17	65.1	54.7	3.5	95	39	7.0	0.0	4.3	4.7
LA04119D-89	61.0	58.6	3.5	88	37	1.8	0.0	5.5	5.0
Mean	**74.5**	**58.2**	**4.0**	**90.8**	**37.3**	**1.7**	**0.8**	**4.3**	**4.5**
CV	**9**	**2**	**16**	**1**	**5**	**203**	**137**	**27**	**14**
LSD	**7.0**	**1.3**	**1.3**	**1.5**	**2**	**2.9**	**2.3**	**1.6**	**0.9**

Phenotype is 'overall appearance'. 0 = excellent, 9 = very poor.

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

Table 18. Oat variety trial across Louisiana for two years, 2010 and 2011.

Brand / variety	Grain Yield	Test Wt	Wint Stress	Growth Habit	Leaf iness	Head Day	Plant Ht	Lod Score	Stem Rust	Pheno type
	bu/a	lbs/bu	0-9	0-9	0-9	of yr	in	0-9	0-9	0-9
HORIZON 201	**78.0**	**30.1**	**2.8**	**6.3**	**4.7**	**97**	**41**	**3.3**	**1.0**	**4.9**
FL0522-FLID-B-S-B-S-92-S1	77.2	33.4	3.0	6.3	4.3	98	40	1.3	0.5	3.7
HORIZON 270	**74.5**	**30.1**	**4.8**	**5.0**	**5.7**	**97**	**38**	**0.5**	**2.5**	**4.9**
LA03063SBSBSB-S4	73.8	29.2	3.4	5.7	3.7	94	37	1.0	1.5	4.5
LA05006GSBS-65-S1	73.2	31.3	2.9	5.7	2.7	100	39	2.3	1.5	4.1
LA99016	**71.1**	**30.8**	**3.3**	**6.3**	**4.7**	**99**	**42**	**1.0**	**2.0**	**4.3**
TX05CS347-1	68.8	30.7	3.2	7.7	4.7	103	38	1.3	1.0	4.2
LA99017	**65.6**	**30.1**	**2.7**	**7.0**	**5.7**	**101**	**42**	**0.5**	**2.0**	**4.5**
PLOT SPIKE LA9339	**63.8**	**30.9**	**2.7**	**6.7**	**3.7**	**102**	**43**	**0.8**	**1.0**	**3.9**
BROOKS	**61.7**	**27.4**	**2.6**	**5.0**	**4.0**	**99**	**42**	**5.0**	**2.0**	**4.3**
Mean	**70.8**	**30.4**	**3.1**	**6.2**	**4.4**	**99.0**	**40.1**	**1.7**	**1.5**	**4.3**
CV%	**17**	**4**	**16**			**3**	**6**	**88**		**10**
LSD (0.10)	**NS**	**2.0**	**1.0**			**2.3**	**0.8**	**2.3**		**0.8**

Data from Baton Rouge, Bossier City, and Winnsboro, LA for 2010 and Baton Rouge for 2011.

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 19 . Oat variety trial across Louisiana for three years, 2009, 2010 and 2011.

Brand / variety	Grain Yield	Test Wt	Seed Qual	Wint Stress	h 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	of yr	in	0-9	%	0-9	0-9
HORIZON 270	**93.2**	**30.6**	**3.0**	**5.7**	**4.8**	**5.4**	**92**	**39**	**1.3**	**0.0**	**1.5**	**4.4**
TX05CS347-1	87.7	31.6	2.0	3.1	7.4	4.0	97	40	1.1	0.0	1.8	3.9
Horizon 201	**86.6**	**30.5**	**3.0**	**2.9**	**6.2**	**4.2**	**93**	**44**	**3.8**	**0.0**	**2.3**	**4.8**
LA99016	85.7	31.6	2.3	3.4	6.6	4.0	94	45	2.4	0.0	1.8	4.3
LA03063SBSBSB-S4	85.4	30.3	2.5	3.9	5.6	4.0	87	37	0.9	0.0	1.5	4.4
LA99017	**82.7**	**31.0**	**2.8**	**2.9**	**7.0**	**4.6**	**97**	**47**	**1.1**	**0.0**	**1.3**	**4.6**
PLOT SPIKE LA9339	75.2	31.0	3.0	2.9	6.0	3.8	99	45	1.9	0.0	1.3	4.1
BROOKS	**61.4**	**27.3**	**7.0**	**3.0**	**5.2**	**3.8**	**93**	**43**	**7.0**	**80.0**	**1.5**	**4.7**
Mean	**82.2**	**30.5**	**3.2**	**3.5**	**6.1**	**4.2**	**94.0**	**42.5**	**2.4**	**10.0**	**1.6**	**4.4**
CV%	**15**	**3**		**16**	**8**	**17**	**3**	**5**	**77**		**71**	**9**
LSD (0.10)	**14.0**	**1.4**		**0.8**	**1.0**	**ns**	**1.8**	**2.0**	**1.4**		**ns**	**0.8**

Data from Baton Rouge, Bossier City, and Winnsboro, LA for 2010 and Baton Rouge for 2011.

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 20. Oat variety trial at Baton Rouge, LA in 2011.

Brand / variety	Grain Yield	Test Weight	Seed Qual	Growth Habit	Winter Stress	Leaf iness	Head Day	Plant Ht	Lod ging	Pheno type
	bu/a	lbs/bu	0-9	0-9	0-9	0-9	of yr	in	0-9	0-9
LA03063SBSBSB-S4	121.9	32.9	3.5	5.7	4.3	3.7	84	48	0.0	3.8
FL0522-FLID-B-S-B-S-92-S1	115.0	36.1	5.0	6.3	3.3	4.3	89	47	1.5	3.4
HORIZON 270	**113.1**	**31.8**	**4.0**	**5.0**	**6.7**	**5.7**	**88**	**47**	**0.0**	**4.0**
TX07CS3697	108.4	31.4	4.3	5.7	4.7	4.0	89	49	0.0	4.6
Horizon 201	**107.4**	**31.9**	**4.3**	**6.3**	**3.0**	**4.7**	**89**	**51**	**1.0**	**4.8**
LA06029SBS-50	104.3	29.7	4.8	5.3	4.0	5.3	87	44	0.5	4.0
TX07CS2783	101.1	28.4	3.3	6.3	4.3	4.7	85	49	0.5	3.8
LA99016	**96.8**	**33.0**	**5.0**	**6.3**	**5.3**	**4.7**	**90**	**49**	**0.5**	**4.1**
TAMO 406	**94.4**	**34.0**	**4.3**	**6.7**	**5.7**	**5.7**	**90**	**47**	**0.0**	**3.9**
LA05006GSBS-65-S1	92.7	31.5	4.5	5.7	3.0	2.7	93	49	3.0	3.9
LA06041SBS-42	90.5	33.2	4.0	5.3	4.3	5.0	90	50	2.0	4.2
LA04004SBSB-7-B-S1	88.8	35.7	4.0	7.7	6.0	7.0	87	44	0.5	5.0
BROOKS	**88.5**	**29.7**	**3.0**	**5.0**	**3.7**	**4.0**	**89**	**53**	**3.5**	**4.3**
TX05CS347-1	83.7	31.4	3.5	7.7	4.0	4.7	92	46	1.5	4.3
LA06059SBS-66	76.3	32.9	5.3	6.7	3.7	3.3	90	52	0.0	4.1
LA99017	**75.1**	**31.5**	**5.5**	**7.0**	**3.3**	**5.7**	**95**	**50**	**0.0**	**4.3**
FL02011 NUDA	**62.6**	**40.5**	**4.0**	**3.3**	**4.7**	**3.3**	**89**	**49**	**0.0**	**4.0**
LA9339	**59.8**	**30.7**	**5.3**	**6.7**	**3.7**	**3.7**	**96**	**53**	**0.5**	**3.8**
Mean	**94.3**	**32.6**	**4.3**	**6.0**	**4.3**	**4.6**	**90**	**49**	**0.8**	**4.1**
CV%	**11**	**2**	**15**	**10**	**17**	**22**	**2**	**5**	**164**	**10**
LSD(0.05)	**12.9**	**0.8**	**0.7**	**0.9**	**1.0**	**1.4**	**2**	**5**	**2.4**	**0.7**

Data from Ben Hur Research Farm. Baton Rouge, LA. S. Harrison, K. Arceneaux, L. Bissett, and K. McCarthy.

Cultural and Site: Planted: 11-12-2010. Harvested 5-9-2010. 0.50 oz/acre Amber herbicide. 80-0-0 topdress N.

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

Lodging: 0 = none, 9 = severe

Appendix A. Entries in the 2011 Louisiana Agricultural Experiment Station Small Grain Performance Trials.

Brand	Line/Variety	Originating Agency
WHEAT		
Syngenta	Arcadia, Coker 9553, Magnolia, ……..……..	Syngenta Seeds, Inc. 778 CR 680 Bay, AR 72411
AGS	AGS 2026, 2035, 2052, 2056, 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 5000, 7500, 7900, 8300.....	Delta Grow Seed Co. P.O. Box 219 England, AR 72046
Dixie	Kelsey, McAlister ……..….....	Cache River Valley Seed, LLC P.O. Box 10 Cash, AR 72421
DK	DK 9108…….....	Cullum Seeds, LLC P.O. Box 178 Fisher, AR 72429
Dyna-Gro	Baldwin, Oglethorpe.....	Dyna-Gro Seed 6221 Riverside Drive, Suite One Dublin, OH 43017
GA	All numbered GA/UGA lines……..... .	Georgia Agric. Experiment Stn. Crop & Soil Science - UGA 1109 Experiment St. Griffin, GA 30223
LA	All numbered LA lines,…….....	Louisiana Agric. Experiment Stn. SPESS - LSU Baton Rouge, LA 70803
Pioneer	26R61, 26R87, XW09H.....	Pioneer Hi-Bred International, Inc. 700 Boulevard South, Suite 302 Huntsville, AL 35802

Appendix A. Entries in the 2011 Louisiana Agricultural Experiment Station Small Grain Performance Trials.

Brand	Line/Variety	Originating Agency
WHEAT		
Progeny	Progeny 117, 125, 166, 185, PGX 10-2, PGX 10-5, PGX 10-7	Progeny Ag Products 1529 Hwy. 193 South Wynne, AR 72396
Terral	LA821, LA841, TV8589, TVX8460, TVX8525, TVX8535, TVX8626, TVX8848, TVX8861	Terral Seed, Inc. P.O. Box 826 Lake Providence, LA 71254
USG	USG 3120, 3201, 3251, 3295, 3438, 3555	UniSouth Genetics, Inc. 2640-C Nolensville Road Nashville, TN 37211
VA	Jamestown, VA05W-139	Virginia PI & State University EVAREC 2229 Menokin Road Warsaw, VA 22572

Appendix A. Entries in the 2011 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 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
TAMO/TX	All numbered TAMO/TX lines……..….....	Texas AgriLife Research TAMU - Commerce Dept. of Ag Science Commerce, TX 75429