2013 SMALL GRAIN PERFORMANCE TRIALS

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LOUISIANA STATE UNIVERSITY AGRICULTURAL CENTER
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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 2013 statewide wheat performance trials included 59 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. Wheat yield data were not reported at Alexandria due to severe bird damage. 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 Associate, and Professor, respectively, Northeast Research Station, St. Joseph.
3 Assistant Professor, and Research Associates, respectively. Rice Research Station, Crowley.
4 Associate Professor, and Research Associates, respectively. Red River Research Station, Bossier City.
5 Research Associate, Extension Associate, Regional Director, and Associate Professor, respectively, Dean Lee Research Station, Alexandria.
6 Research Associates. 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 2012-2013

The 2013 growing season was highly atypical. Throughout the state, extremely high levels of rain fell from early December through February. Baton Rouge alone received nearly 30 inches in this period. March was unusually warm and April was cool. Where fields were flooded, yields were poor. Early heading varieties were significantly damaged in north Louisiana due to a freeze in late March. In the southern portions of the state, early and medium heading varieties did well, but late heading varieties had low yields and test weights. Stripe rust developed in all areas of the state, but was more severe in the north where yield was affected.

Results and Discussion

Performance of Wheat Varieties Across South Louisiana

South Region Means:

LA06146E-P04 (92.2 bu/acre) had the highest mean yield across South Louisiana for 2013 (Table 1). The varieties TERRAL LA754, AGS 2038, TERRAL LA821, and the experimental line, GA04570-10E46 all had yields greater than 87.5, well above the mean of 68.7. Baldwin (59.6 lbs/bu) had the highest test weight, followed by AGS 2038, COKER 9553, GA04570-10E46, and GA031257-10LE34 which all had test weights above 58.3 lbs/bu, compared to the mean of 55.9. Leaf rust pressure was moderate ranging from 0% to 41% with a mean of 7%. The top five yielding entries all had leaf rust ratings of 0%. Stripe rust pressure was low, reflected in a mean rating of 1.8. Heading date range was 41 days with a mean of 97. Most late heading varieties had reduced yields and test weights.

Of 27entries, TERRAL LA754 (87.6 bu/acre) had the highest mean yield across South Louisiana for three years (Table 2). AGS 2038, AGS 2035, TERRAL LA821 and BALDWIN all had yields above 81.2bu/acre compared to a mean of 72.4. These entries also all had test weights above 58.8 lbs/bu, above the mean of 56.9 lbs/bu and leaf rust ratings of 0.

Baton Rouge

The experimental line, LA06146E-P04 (89.5 bu/acre) had the highest yield of 59 entries at Baton Rouge in 2013 (Table 3). TERRAL LA821 (89.1 bu/acre), AGS 2038 (88.2 bu/acre), AGS 2040 (87.3 bu/acre), and TERRAL LA754 (86.4 bu/acre) all had yields well above the mean of 72.5 bu/acre. The variety BALDWIN (60.5 lbs/bu) had the highest test weight, followed by LA03200E-23, GA04570-10E46, Progeny PGX 12-12 and COKER 9553, all with test weights above 59.0 lbs/bu compared to the mean of 59.3 lbs/bu. All five entries had leaf rust ratings of 0% and stripe rust ratings of 0 or 1%. These same five entries all had heading dates between 80 and 89 days, compared to the mean of 97.3. The 14 lowest yielding lines had heading dates greater than 102, while the 7 highest yielding lines had heading dates less than 95.

Crowley

Yields ranged from 26.8 to 96.6 bu/acre at Crowley (Table 4). As in Baton Rouge, LA06146E-P04 (96.6 bu/acre) had the highest yield followed by USG 3120 (96.0 bu/acre), GA04750-10E46 (95.4 bu/acre), AGS 2038 (95.4 bu/acre), and AGS 2040 (94.3 bu/acre). The mean yield for this location was 65.7 bu/acre. All of the top five yielding entries had above average test weights. The mean test weight for this location was 58.7 lbs/bu, with entries ranging from 59.8 lbs/bu to 55.8 lbs/bu. The leading five entries all had leaf rust ratings of 0% and, with the exception of USG 3120 (5), all had stripe rust ratings of 0%. Three of these entries also had heading dates of less than 80 days,

compared to the mean of 94.4 days. The 20 highest yielding entries had heading dates less than or equal to 90 while the 21 lowest yielding lines had heading dates greater than 103.

Jeanerette

The leading five entries at Jeanerette included TERRAL LA754 (92.3 bu/acre), GA031257-10LE34 (92.0 bu/acre), TERRAL LA841 (90.6 bu/acre), LA06146E-P04 (90.5 bu/acre), and LA03200E-2 (89.8 bu/acre) (Table 5). All had yields well above the mean of 67.9 bu/acre. GA031257-10LE34 (58.1 lbs/bu) also had the third highest test weight compared to a location mean of 53.7 lbs/bu. At this location, the top 19 yielding varieties had a leaf rust rating of 0% and the top 12 yielding varieties had stripe rust ratings of 0%. Stripe rust ratings ranged from 0 to 12% and leaf rust ratings from 0 to 20%. Heading day ranged from 77 to 121, a range of 44 days due to the warm winter and long vernalization requirement of some entries, with later varieties generally having lower yields.

Performance of Wheat Varieties Across North Louisiana

North Region Means:

In north Louisiana later-heading entries were able to take advantage of a cool April and produce very high yields. ARX1206 (93.2 bu/acre) had the highest mean yield across North Louisiana for 2013 (Table 6). ARX1204 (92.8 bu/acre), USG 3201 (89.9 bu/acre), Pioneer 26R53 (89.6 bu/acre), and USG 3833 (88.0 bu/acre) all had yields well above the mean of 75.9 bu/acre. PIONEER 26R87 (60.1 lbs/bu) had the highest test weight followed by GA 04570-10E46 and Jamestown, both with test weights above 59.7 lbs/bu compared to the mean of 56.9 lbs/bu. Stripe rust pressure was heavy and clearly impacted yield, especially at the Winnsboro location. The stripe rust incidence mean was 5.4% with a high of 61%. ARX1206 and ARX1204, the two highest yielding entries across North Louisiana had Stripe rust ratings of 2% and 0% respectively. Leaf rust pressure was low across North Louisiana with an incidence mean of 3.6% and a high of 22%. The top five yielding entries all had leaf rust incidence ratings of 55 or less.

PIONEER 26R41 (80.4 bu/acre) had the highest two year mean yield across north Louisiana (Table 7). The average yield of 39 entries was 68.7 bu/acre. The other top five yielding entries, PIONEER 26R53, AGS 2056, USG 3201, and KELSEY had above average yields and test weights. The test weight mean was 56.4 lbs/bu. These same entries all had stripe rust scores of 0%.

AGS 2056 had the highest yield (79.1 bu/acre) across north Louisiana for three years (Table 8). USG 3201, KELSEY, and PROGENY 870 all had yields above 75.3 bu/acre compared to the mean of 70.7 bu/acre and stripe rust ratings of 0%. USG 3201 and Kelsey had test weights above 57.5 lbs/bu compared to the mean of 57.2. All four entries had heading dates later than the mean of 91.

Alexandria

Yields at this location were not reported due to heavy bird damage, particularly to early-heading entries. Stripe and leaf rust pressure was high. Stripe rust ratings ranged from 0% to 78% and leaf rust from 0% to 80% (Table 9). Bird damage ranged from 0.5 to 5.3 on a 0-9 scale.

Bossier City

Yields at Bossier city were excellent. ARX1206 (117.3 bu/acre) had the highest yield followed by USG 3201 (110.4 bu/acre), DYNA-GRO 9171 (110.0 bu/acre), KELSEY (109.9 bu/acre) and ARX1204 (109.1 bu/acre), all with yields above 109.0 bu/acre compared to the mean of 95.6 (Table 10). ARX1206, USG 3201 and KELSEY all had test weights above the mean of 55.7 lbs/bu. All five top entries had stripe and leaf rust scores of 0 with the exception of ARX1206, which had a stripe rust score of 1% and a leaf rust score of 3%.

St. Joseph

ARX1204 (82.9 bu/acre) had the highest yield of 63 entries at this location in 2013 (Table 11). USG 3201, DYNA-GRO 9171, ARX1206, and PIONEER 26R20 all had yields above 76.4 bu/acre compared to a mean of 59.5. Test weights ranged from 49.4 lbs/bu to 60.7 lbs/bu with a mean of 56.7 lbs/bushel. Yields ranged from 82.9 to 34.6 bu/acre with a mean of 59.5 bu/acre. Leaf rust pressure was very low with incidence ranging from 0 to 10% and a mean 0.3%. Sixty of fifty three entries had a leaf rust incidence of 0%. Heading data ranged from day 88 to day 113 with a mean of 99.8. The top four yielding entries all had a heading date within 1 day of each other and within 7 days of the mean.

DYNA-GRO 9171 had the highest two year mean yield (67.7 bu/acre). PIONEER 26R41, AGS 2056, PIONEER 26R53 and KELSEY all had two year mean yields above 65 bu/acre.

Winnsboro

In late March, a hard freeze caused sterility in early heading entries that were near pollination. There was a negative correlation between freeze damage and yield as well as between freeze damage and heading date. The highest yielding entry at Winnsboro was PIONEER 26R53 (91.7 bu/acre) (Table 12). ARX1204 (88.1 bu/acre), Xtreme (87.7 bu/acre), USG 3833 (87.0 bu/acre), and ARX1206 (86.8 bu/acre) round out the top five entries in yield, with yields high above the mean of 72.8 bu/acre. All five received a stripe rust score of less than 5% and a leaf rust score below 6%. These entries also scored 0 on a 0-9 scale for freeze damage and were at least 4 days later than the mean heading date. The top yielding entry had a test weight of 60.6 lbs/bu, greater than the

mean of 58.6 lbs/bu. The second highest yielding entry had a test weight 1.8 lbs/bu less than the mean.

PIONEER 26R41 had the highest two year mean yield (81.1 bu/acre) at Winnsboro. The top five entries had test weights ranging between 57.2 lbs/bu and 60.6 lbs/bu compared to the mean of 58.7 lbs/bu. The top five yielding entries over two years also all had stripe rust scores of 0% compared to the mean of 9.1%. Twenty nine of sixty three entries had a leaf rust incidence of 0% with the top five entries all having a score of less than 8%. Stripe rust pressure was high, ranging from 0 to 80% incidence.

Statewide Performance of Wheat Varieties

ARX1206 (85.9 bu/acre) had the highest yield of 59 entries statewide in 2013 (Table 13). LA06146E-P04 (85.3 bu/acre), AGS 2038 (84.9 bu/acre), GA04570-10E46 (83.6 bu/acre) and GA031257-10LE34 (82.5 lbs/bu) round out the top five entries all with yields above 82 bu/acre compared to the mean of 72.1 bu. GA04570-10E46 had the highest test weight statewide in 2013. COKER 9553, BALDWIN, LA03200E-2, and GA031257-10LE34 also all had test weights above 58.6 lbs/bu. Stripe rust incidence ranged from 0 to 42% with a mean of 3.7%. The top five yielding entries had a leaf rust incidence of 0 or 1% compared to the mean of 5%.

AGS 2038 (79.9 bu/acre) had the highest statewide yield for two years out of 35 entries (Table 14). Pioneer 26R41, AGS 2060, Terral LA754, and USG 3201 complete the top five entries, all with yields above 75.0 bu/acre compared to the mean of 69.4 bu/acre. All five entries also had higher than the mean test weights (56.4 lbs/bu) and stripe rust and leaf rust incidences of less than 6 and 8%, respectively

Out of 27 entries, AGS 2038 (79.3 bu/acre) also had the highest yield statewide for three years (Table 15). It had a heading date two days earlier than the mean of 89.6 and stripe and leaf rust incidences of 1 and 0% respectively.

Performance of Oat Varieties

Performance of Oat Varieties Across Louisiana:

Oat yields were relatively low in 2013 due to poor tillering and waterlogged soils during winter months. FL0529-N1 (113.3 bu/acre) had the highest yield of 28 entries (Table 16). LA9339 (100.2 bu/acre), TX05CS556 (94.1 bu/acre), and LA99017 (92.8 bu/acre) also all ranked well above the mean of 75.6 bu/acre. All four entries had a crown rust incidence of 0% and stem rust scores of less than 3 on a 0-9 scale. With the exception of TX05CS556 (90.8), the top four entries had heading dates within 4 days of the mean (99 days).

LA99017 (90.3 bu/acre) had the highest yield for two years statewide (Table 17). LA05011GSBS-30 (88.8 bu/acre) and LA99016 (87.5 bu/acre) also had yields well above the mean of 74.3 bu/acre. These top entries also had crown rust incidences of 0 or 1%. The top three entries had stem rust scores of 2.5 or less on a 0-9 scale.

LA99016 (89.4 bu/acre) had the highest yield statewide for three years (Table 17). Horizon 201 and LA99017 ranked second and third with yields of 88.3 bu/acre and 86.9 bu/acre, respectively. All three entries had crown rust incidences of 0 or 1%.

Baton Rouge:

Due to heavy rains and winter stress, oats in Baton Rouge did not tiller well. This is reflected in low yields. FL0529-N1 (83.9 bu/acre) had the highest yield of 28 entries at Baton Rouge in 2013 (Table 18). LA06059SBSBSB-46 and TX05CS5556 also had yields above 74.0 bu/acre, well above the mean of 60.1 bu/acre and test weights within one lb/bu of the mean (30.9 bu/acre). These top three entries all had crown rust incidences of 0% and stem rust scores of 0 on 0-9 scale. Rust pressure was low as the plants were highly stressed and did not begin to put of growth until late in the season.

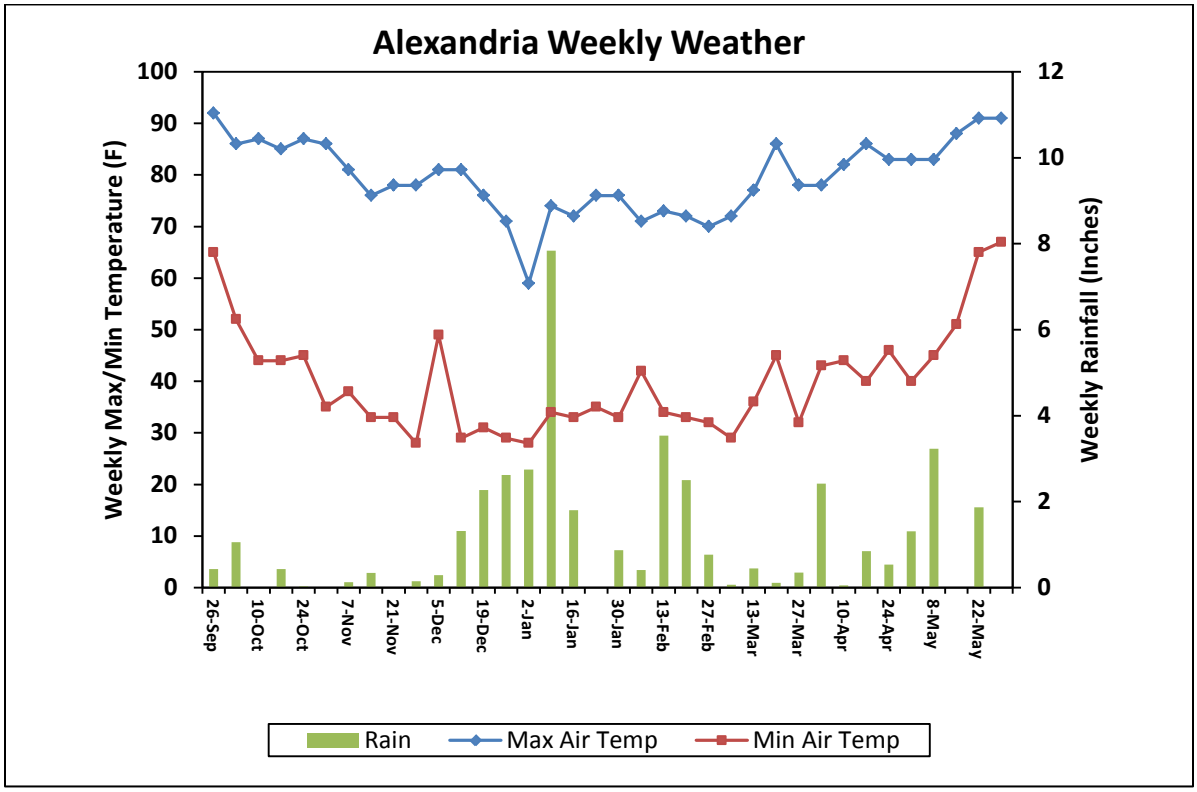
Bossier City

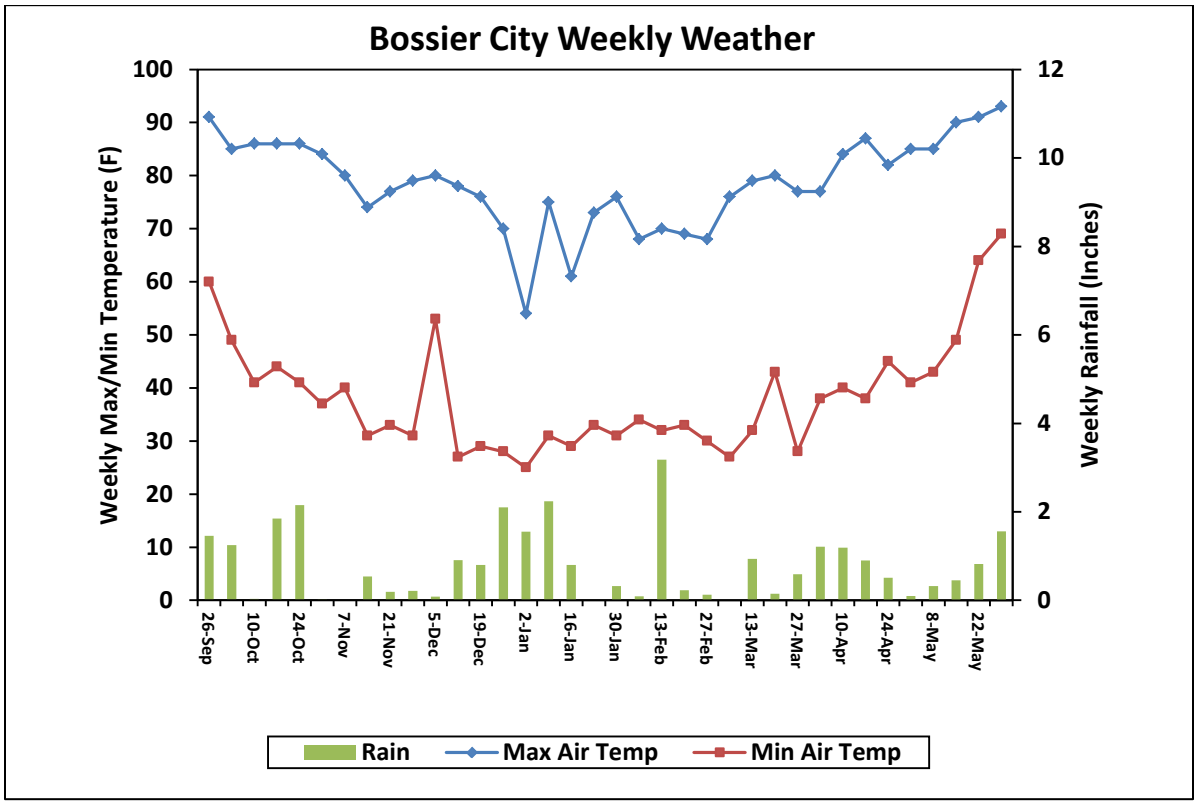
Waterlogging and winter stress levels were much lower at Bossier City than Baton Rouge, consequently, yields were higher. The top four yielding entries, LA9339, TX09CS1112, LA99017, and Nora all had yields above 100 bu/acre compared to the mean of 77.5 bu/acre (Table 19). All four entries also had heading dates within 2 days of the mean (100 days).

Winnsboro:

FL0529-N1 (159.1 bu/acre) had the highest yield at Winnsboro in 2013 followed by LA06063SBSBSB-13 (143.8 bu/acre) and LA05011GSBS-30 (125.4 bu/acre) well above the mean of 89.3 bu/acre. The top two entries had test weights slightly above the mean of 33.9 lbs/bu. Downy mildew pressure was severe at this location, with scores ranging from 0 to 7.7 on a 0-9 scale. The top three entries received downy mildew scores of 0.3, 0.2, and 0.0, respectively. The four entries with the highest downy mildew scores also had the lowest yields.

Figure 1. Rainfall and temperature graphs.





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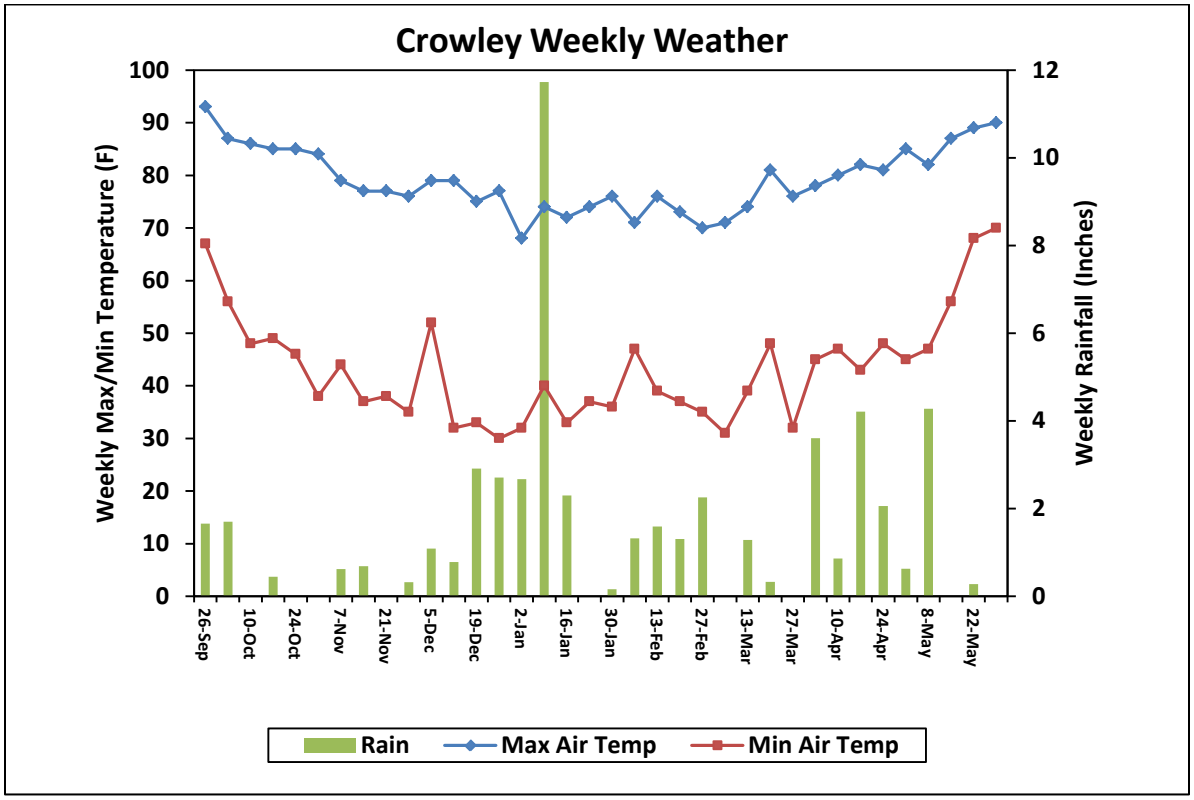

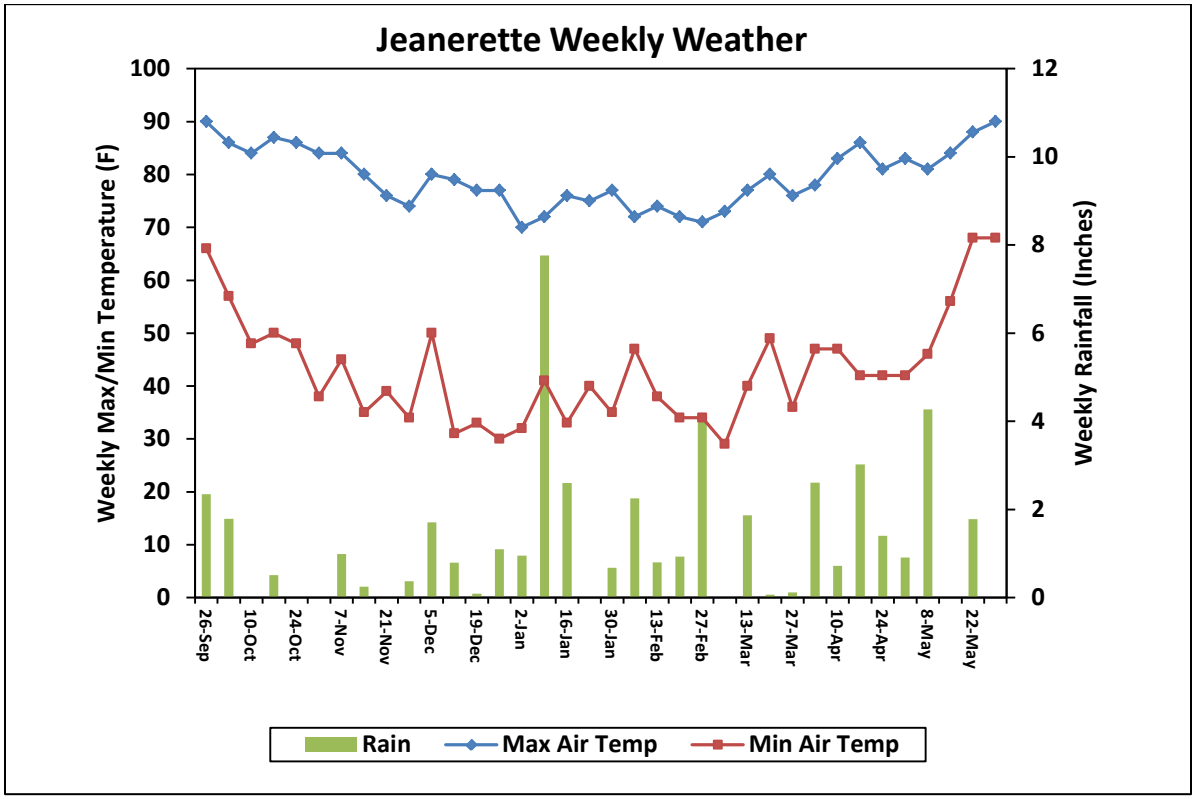

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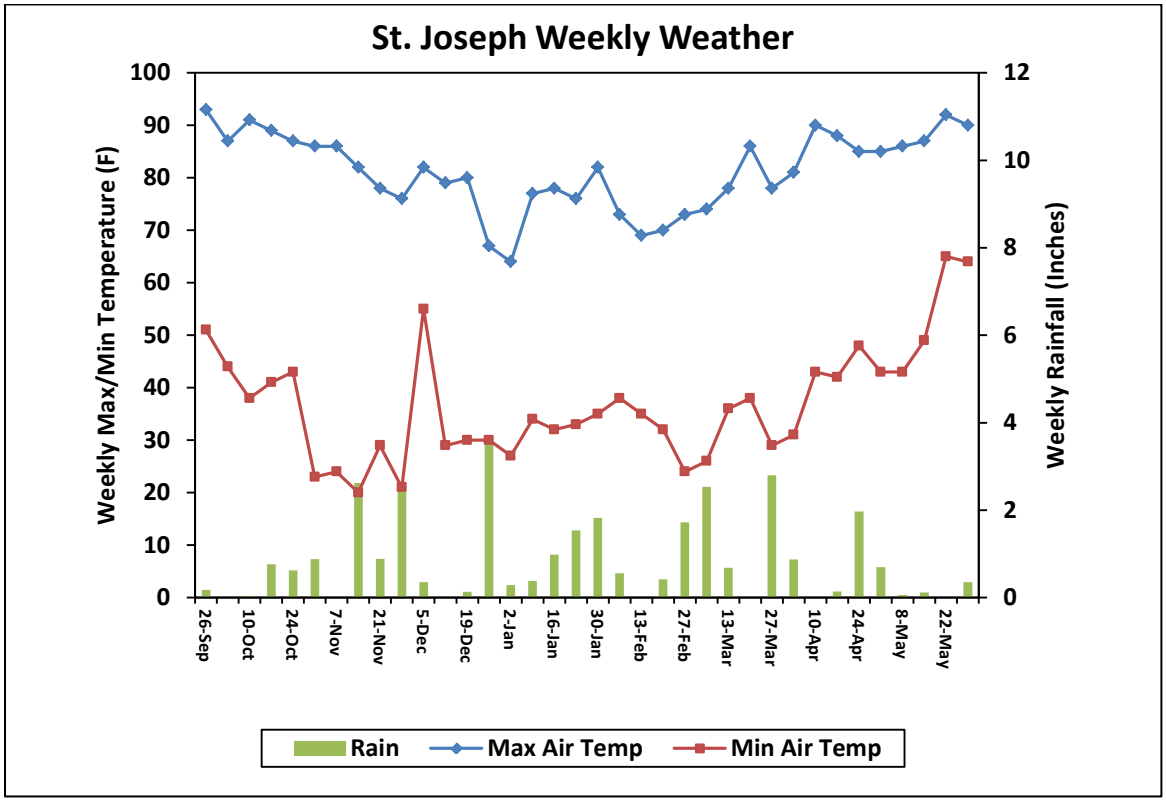

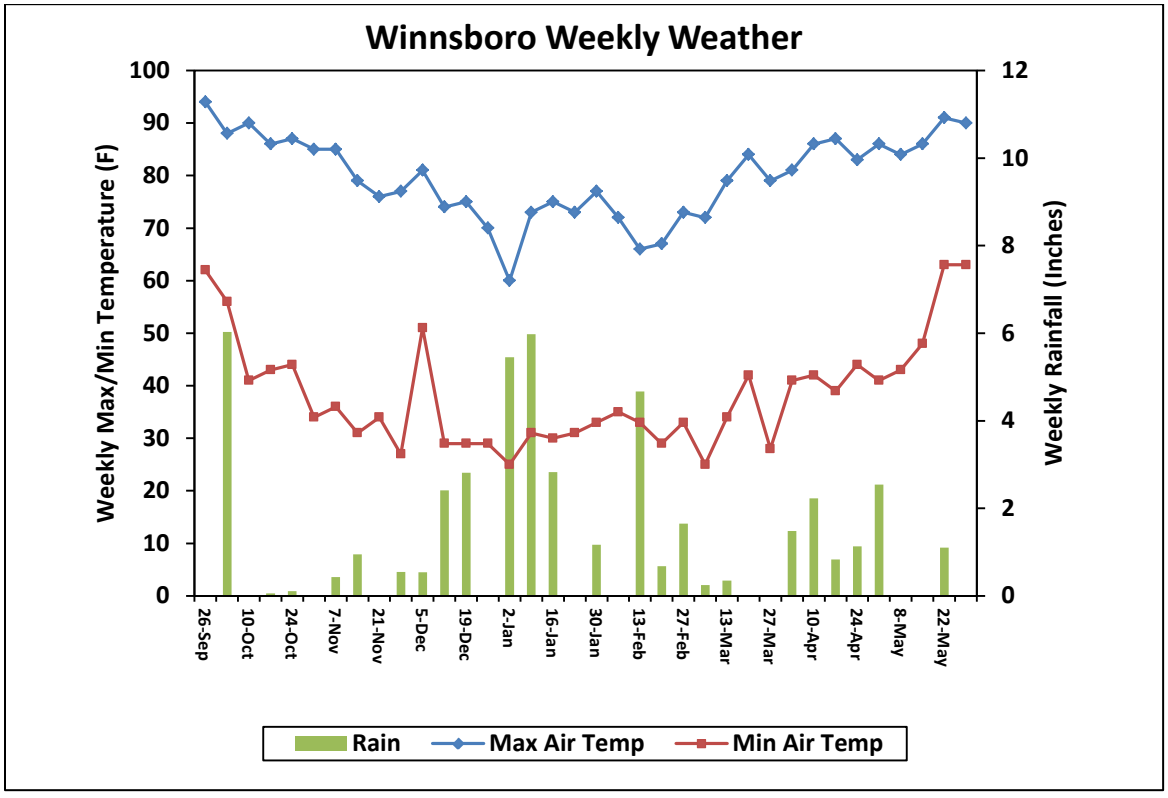

Table 1. Wheat performance trial across South Louisiana for 2013.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Heading Day of yr	Plant Ht in	Loding Score 0-9	Stripe Rust %	Leaf Rust %	Pheno type 0-9
LA06146E-P04	92.2	57.8	78	37	0.0	0	0	3.2
TERRAL LA754	**89.8**	**57.7**	**87**	**38**	**0.0**	**1**	**0**	**3.2**
AGS 2038	**89.2**	**58.4**	**87**	**40**	**2.0**	**0**	**0**	**3.4**
TERRAL LA821	**88.3**	**57.6**	**84**	**37**	**3.0**	**0**	**0**	**3.4**
GA04570-10E46	87.6	58.9	83	38	0.5	0	0	3.2
LA03200E-2	87.5	57.8	86	35	0.5	0	3	2.8
LA06020E-P16	85.8	58.1	87	37	1.0	0	1	3.6
TERRAL LA841	**85.7**	**56.1**	**87**	**36**	**3.5**	**0**	**0**	**3.2**
GA031257-10LE34	85.5	58.7	92	35	1.0	0	0	3.9
AGS 2040	**85.5**	**57.5**	**82**	**35**	**0.5**	**0**	**0**	**3.6**
AGS 2035	**84.5**	**58.0**	**84**	**39**	**0.0**	**3**	**0**	**3.7**
DYNA-GRO BALDWIN	**84.3**	**59.6**	**92**	**41**	**1.5**	**2**	**0**	**3.8**
B08*0313	83.6	57.3	77	32	1.0	1	1	4.1
LA03200E-23	83.1	58.3	85	37	1.0	0	1	3.5
USG 3120	**83.1**	**57.4**	**80**	**39**	**1.0**	**1**	**0**	**3.8**
AGS 2060	**82.1**	**58.1**	**79**	**40**	**1.0**	**0**	**0**	**3.4**
GA031086-10E26	81.5	57.3	95	36	1.5	0	0	4.1
JAMESTOWN	**80.0**	**57.3**	**85**	**35**	**0.0**	**0**	**0**	**3.1**
SYNGENTA ARCADIA	**79.9**	**58.3**	**85**	**36**	**1.5**	**8**	**0**	**4.6**
ARX1206	79.9	56.3	105	34	0.0	3	0	6.2
B06*0686	78.8	57.5	85	32	1.0	0	0	4.6
DYNA-GRO OGLETHORPE	**77.9**	**56.1**	**89**	**35**	**0.5**	**0**	**2**	**4.1**
AGS 2026	**77.8**	**56.9**	**92**	**35**	**1.0**	**0**	**1**	**4.7**
PROGENY 125	**75.4**	**55.8**	**90**	**36**	**0.5**	**0**	**12**	**5.3**
PIONEER 26R41	**74.0**	**57.1**	**102**	**35**	**0.0**	**0**	**5**	**5.9**
SYNGENTA MAGNOLIA	**73.1**	**56.5**	**83**	**37**	**0.0**	**0**	**29**	**5.0**
DELTA GROW 5000	**72.8**	**55.9**	**91**	**35**	**0.5**	**0**	**6**	**5.4**
SYNGENTA COKER 9553	**71.3**	**58.8**	**94**	**37**	**1.5**	**0**	**9**	**4.6**
USG 3201	**71.2**	**56.8**	**105**	**34**	**0.0**	**1**	**6**	**6.1**
VA09W-75	70.1	55.6	82	36	0.5	0	0	3.7
DIXIE KELSEY	**70.0**	**57.5**	**105**	**33**	**0.0**	**0**	**5**	**6.8**
USG 3833	**67.5**	**51.5**	**111**	**35**	**0.0**	**1**	**0**	**6.0**
PROGENY 117	**65.9**	**56.3**	**87**	**40**	**1.5**	**17**	**9**	**5.4**
PIONEER 26R22	**65.1**	**58.0**	**108**	**36**	**0.0**	**9**	**4**	**6.0**
ARX1204	65.0	51.7	112	35	0.0	1	1	6.2
PROGENY PGX 10-5	64.7	53.8	107	33	0.0	0	4	6.2
DYNA-GRO 9171	**64.3**	**54.0**	**108**	**33**	**0.0**	**1**	**5**	**6.5**
PIONEER 26R20	**64.2**	**56.1**	**107**	**35**	**1.5**	**2**	**4**	**6.2**
TERRAL TV8525	**63.5**	**55.8**	**103**	**36**	**0.0**	**0**	**17**	**6.6**
TERRAL TV8535	**63.4**	**54.0**	**108**	**33**	**0.0**	**0**	**3**	**6.4**
DIXIE MCALISTER	**63.0**	**54.1**	**107**	**34**	**0.0**	**1**	**3**	**6.2**
PIONEER 26R53	**62.2**	**57.1**	**105**	**32**	**0.0**	**0**	**4**	**6.2**
PROGENY PGX 12-12	62.2	57.8	96	37	2.0	2	11	6.0
PROGENY 308	**60.9**	**56.1**	**103**	**35**	**0.0**	**0**	**13**	**6.1**
PROGENY PGX 12-3	56.8	53.5	109	34	0.0	1	2	6.2
RICOCHET	**55.1**	**54.2**	**107**	**33**	**0.0**	**2**	**4**	**6.6**
SYNGENTA HARRISON	**52.8**	**54.1**	**107**	**35**	**0.0**	**1**	**6**	**6.4**
TERRAL TV8861	**52.5**	**55.7**	**105**	**34**	**0.0**	**1**	**18**	**7.0**
TERRAL TV8848	**49.8**	**54.7**	**106**	**36**	**0.0**	**0**	**22**	**6.7**
PIONEER XW11G	49.3	47.1	116	31	0.0	16	9	6.9

Table 1. Wheat performance trial across South Louisiana for 2013.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Heading Day of yr	Plant Ht in	Loding Score 0-9	Stripe Rust %	Leaf Rust %	Pheno type 0-9
DELTA GROW 7500	**48.4**	**53.7**	**107**	**34**	**0.0**	**0**	**11**	**6.7**
DIXIE DXEX13-3	47.0	52.7	114	35	0.0	1	6	6.7
DIXIE XTREME	**45.7**	**54.4**	**105**	**36**	**0.0**	**0**	**26**	**6.4**
ARX1107	45.6	55.5	106	35	0.0	2	28	6.9
DELTA GROW 7000	**44.9**	**46.4**	**119**	**33**	**0.0**	**7**	**3**	**7.1**
DELTA GROW 9700	**40.7**	**54.3**	**105**	**36**	**0.0**	**3**	**30**	**6.6**
PIONEER 26R10	**38.9**	**54.2**	**107**	**34**	**0.0**	**2**	**11**	**6.6**
DELTA GROW 7200	**38.3**	**53.8**	**106**	**33**	**0.0**	**13**	**41**	**7.1**
PROGENY PGX 12-10	37.7	53.6	106	34	0.0	1	35	7.1
Mean	**68.7**	**55.9**	**97.0**	**35.4**	**0.5**	**1.8**	**7.0**	**5.3**
CV%	**12**	**2**	**2**	**4**	**184**	**198**	**105**	**10**
LSD (0.10)	**11.2**	**3.3**	**2.7**	**1.7**	**-**	**6.0**	**12.3**	**0.7**

Data from Baton Rouge (Central Stations), Crowley (Rice Research Station), and Jeanerette (Iberia Research Station), LA.

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

NS indicates non-significant differences among varieties

Table 2. Wheat performance trial across South Louisiana for three years, 2011 and 2013.**

Brand / variety	Grain Yield 3-yr bu/a	Test Wt lbs/bu	Heading Day of yr	Plant Ht in	Lod Score 0-9	Stripe Rust %	Leaf Rust %	Pheno type 0-9
TERRAL LA754	**87.6**	**57.4**	**84**	**35**	**0.3**	**1**	**0**	**2.9**
AGS 2038	**86.2**	**58.4**	**85**	**37**	**1.8**	**0**	**0**	**3.4**
AGS 2035	**83.4**	**58.2**	**81**	**36**	**0.5**	**3**	**0**	**3.4**
TERRAL LA821	**82.0**	**57.8**	**81**	**35**	**2.3**	**0**	**0**	**3.5**
DYNA-GRO BALDWIN	**81.3**	**58.9**	**88**	**37**	**1.3**	**2**	**0**	**3.6**
USG 3120	**81.2**	**58.1**	**79**	**36**	**1.0**	**1**	**0**	**3.7**
TERRAL LA841	**80.1**	**56.4**	**83**	**33**	**2.5**	**0**	**0**	**3.3**
JAMESTOWN	**78.5**	**57.9**	**81**	**32**	**0.5**	**0**	**0**	**3.0**
SYNGENTA ARCADIA	**78.3**	**58.2**	**81**	**34**	**1.3**	**8**	**0**	**4.3**
AGS 2060	**77.8**	**58.8**	**80**	**37**	**1.5**	**0**	**0**	**3.4**
DYNA-GRO OGLETHORPE	**77.2**	**56.5**	**85**	**32**	**1.3**	**0**	**1**	**4.2**
SYNGENTA MAGNOLIA	**74.2**	**56.6**	**83**	**34**	**0.5**	**0**	**17**	**4.5**
AGS 2026	**73.9**	**57.0**	**86**	**33**	**2.0**	**0**	**1**	**4.3**
SYNGENTA COKER 9553	**72.2**	**58.3**	**89**	**34**	**1.3**	**0**	**5**	**4.0**
PROGENY 125	**70.2**	**56.1**	**86**	**32**	**0.8**	**0**	**14**	**5.1**
USG 3201	**69.7**	**57.3**	**97**	**32**	**0.5**	**1**	**4**	**5.4**
DELTA GROW 5000	**68.5**	**56.0**	**87**	**32**	**1.0**	**0**	**12**	**5.4**
DIXIE KELSEY	**68.4**	**57.8**	**98**	**30**	**0.5**	**0**	**5**	**6.0**
PROGENY 117	**67.7**	**56.7**	**84**	**35**	**1.3**	**17**	**18**	**5.5**
PROGENY 870	**66.6**	**55.3**	**99**	**31**	**0.5**	**0**	**2**	**5.1**
DIXIE MCALISTER	**65.7**	**55.3**	**99**	**31**	**0.5**	**1**	**2**	**5.4**
TERRAL TV8525	**65.4**	**56.2**	**96**	**32**	**0.5**	**0**	**10**	**5.4**
TERRAL TV8535	**65.1**	**55.3**	**99**	**32**	**0.5**	**0**	**2**	**5.6**
TERRAL TV8861	**60.0**	**56.2**	**99**	**32**	**0.5**	**1**	**10**	**5.8**
DELTA GROW 7500	**59.9**	**55.1**	**99**	**32**	**0.5**	**0**	**6**	**5.7**
TERRAL TV8848	**59.3**	**55.7**	**99**	**33**	**0.5**	**0**	**11**	**5.6**
PIONEER 26R10	**53.3**	**55.6**	**98**	**31**	**0.5**	**2**	**6**	**5.5**
Mean	**72.4**	**56.9**	**89.0**	**33.3**	**1.0**	**1.3**	**4.7**	**4.6**
CV%	**10**	**2**	**2**	**4**	**75**	**245**	**140**	**12**
LSD (0.10)	**8.0**	**1.2**	**3.3**	**1.0**	**1.1**	**4.7**	**7.4**	**0.7**

**** No South Louisiana data in 2012. Data from** Baton Rouge, Crowley, and Jeanerette in 2011 and 2013.

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

NS indicates non-significant differences among varieties

Table 3. Wheat performance trial at Baton Rouge, LA for 2013.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Rel GroHab 0-9	Heading Day of yr	Plant Ht in	Lod Score 0-9	Stripe Rust %	Leaf Rust %	Stem* Rust 0-9	Pheno type 0-9
LA06146E-P04	89.5	57.4	2.7	80	38	0.0	0	0	0.0	3.7
TERRAL LA821	**89.1**	**57.4**	**4.3**	**86**	**41**	**3.0**	**1**	**0**	**0.0**	**3.7**
AGS 2038	**88.2**	**58.9**	**3.7**	**85**	**44**	**2.0**	**1**	**0**	**0.0**	**3.8**
AGS 2040	**87.3**	**57.9**	**3.8**	**84**	**37**	**0.5**	**0**	**0**	**0.0**	**3.5**
TERRAL LA754	**86.4**	**57.9**	**5.0**	**89**	**42**	**0.0**	**1**	**0**	**4.5**	**3.2**
AGS 2035	**85.2**	**58.4**	**3.7**	**84**	**42**	**0.0**	**2**	**0**	**0.0**	**3.5**
DYNA-GRO BALDWIN	**84.6**	**60.5**	**5.2**	**93**	**47**	**1.5**	**2**	**0**	**0.5**	**3.8**
PIONEER 26R41	**84.0**	**57.4**	**6.8**	**104**	**37**	**0.0**	**0**	**2**	**7.0**	**5.7**
LA03200E-2	83.4	58.9	4.8	88	39	0.5	1	10	0.0	2.8
USG 3120	**83.3**	**57.6**	**3.5**	**83**	**42**	**1.0**	**0**	**0**	**0.0**	**3.7**
USG 3201	**82.6**	**56.2**	**7.0**	**104**	**37**	**0.0**	**0**	**3**	**8.0**	**6.0**
ARX1206	81.9	54.5	7.5	105	37	0.0	0	0	0.0	5.8
LA03200E-23	81.4	59.3	4.2	87	40	1.0	0	3	0.0	3.3
GA031086-10E26	80.9	57.6	6.5	94	40	1.5	0	0	1.5	4.2
LA06020E-P16	80.8	58.6	5.2	90	40	1.0	0	5	7.5	3.5
AGS 2060	**79.5**	**58.7**	**2.8**	**81**	**41**	**1.0**	**1**	**0**	**0.0**	**3.3**
DELTA GROW 5000	**78.8**	**55.6**	**6.5**	**94**	**38**	**0.5**	**0**	**10**	**8.0**	**5.3**
DYNA-GRO OGLETHORPE	**78.5**	**56.0**	**6.0**	**93**	**38**	**0.5**	**0**	**0**	**0.5**	**4.3**
USG 3833	**78.4**	**47.1**	**7.8**	**113**	**39**	**0.0**	**0**	**0**	**0.0**	**5.8**
DIXIE KELSEY	**78.2**	**58.1**	**6.8**	**103**	**36**	**0.0**	**0**	**0**	**7.5**	**6.7**
GA04570-10E46	77.9	59.1	4.3	85	42	0.5	0	0	0.0	3.3
SYNGENTA ARCADIA	**77.2**	**58.7**	**5.0**	**87**	**40**	**1.5**	**10**	**0**	**0.0**	**4.3**
TERRAL LA841	**77.0**	**54.9**	**4.7**	**89**	**39**	**3.5**	**0**	**0**	**0.0**	**3.3**
GA031257-10LE34	77.0	58.6	5.8	93	38	1.0	2	0	0.0	4.2
PROGENY 125	**76.7**	**55.8**	**6.0**	**92**	**39**	**0.5**	**0**	**33**	**8.0**	**6.0**
B08*0313	75.6	57.0	2.7	76	34	1.0	3	0	0.0	4.8
AGS 2026	**75.5**	**56.7**	**6.3**	**94**	**38**	**1.0**	**0**	**3**	**0.0**	**4.8**
SYNGENTA MAGNOLIA	**74.5**	**56.2**	**3.7**	**84**	**39**	**0.0**	**0**	**33**	**0.0**	**5.2**
PROGENY PGX 12-12	74.2	59.1	6.7	96	43	2.0	2	25	0.0	6.0
PROGENY 870	**73.1**	**51.1**	**7.0**	**110**	**37**	**0.0**	**0**	**0**	**8.0**	**6.5**
PROGENY 308	**72.9**	**56.0**	**7.0**	**103**	**39**	**0.0**	**0**	**13**	**6.5**	**5.8**
PIONEER 26R53	**72.8**	**57.4**	**7.2**	**104**	**33**	**0.0**	**0**	**0**	**7.5**	**5.7**
PIONEER 26R20	**72.7**	**54.1**	**7.7**	**106**	**38**	**1.5**	**1**	**3**	**7.5**	**5.7**
DYNA-GRO 9171	**72.4**	**51.3**	**7.3**	**114**	**35**	**0.0**	**0**	**3**	**6.5**	**6.2**
TERRAL TV8525	**71.6**	**56.6**	**6.7**	**103**	**40**	**0.0**	**0**	**40**	**4.0**	**6.5**
PROGENY 117	**71.6**	**55.9**	**5.0**	**89**	**43**	**1.5**	**30**	**28**	**0.0**	**5.3**
SYNGENTA COKER 9553	**71.2**	**59.9**	**5.8**	**94**	**41**	**1.5**	**0**	**8**	**7.0**	**4.0**
PIONEER 26R22	**70.0**	**57.2**	**7.5**	**105**	**38**	**0.0**	**8**	**0**	**0.0**	**5.5**
B06*0686	69.8	57.1	5.7	85	36	1.0	1	0	2.0	5.2
DIXIE MCALISTER	**69.3**	**51.5**	**7.8**	**110**	**35**	**0.0**	**0**	**8**	**6.0**	**6.2**
DELTA GROW 7000	**68.9**	**23.1**	**7.0**	**116**	**36**	**0.0**	**6**	**5**	**7.0**	**7.3**
TERRAL TV8535	**68.8**	**51.2**	**7.3**	**113**	**36**	**0.0**	**0**	**0**	**7.0**	**6.3**
TERRAL TV8861	**68.4**	**56.1**	**8.0**	**104**	**37**	**0.0**	**2**	**20**	**5.5**	**6.3**
VA09W-75	68.0	55.7	2.3	75	40	0.5	0	0	0.0	4.0
JAMESTOWN	**67.2**	**57.5**	**5.2**	**88**	**38**	**0.0**	**1**	**0**	**0.0**	**3.7**
ARX1204	67.1	48.1	8.0	113	37	0.0	0	3	0.0	6.2
SYNGENTA HARRISON	**65.6**	**52.8**	**7.2**	**105**	**37**	**0.0**	**0**	**13**	**5.5**	**6.0**
RICOCHET	**65.1**	**52.5**	**6.8**	**104**	**36**	**0.0**	**0**	**3**	**0.0**	**6.2**
DIXIE XTREME	**62.9**	**55.3**	**7.0**	**103**	**40**	**0.0**	**0**	**40**	**8.0**	**5.8**
PIONEER XW11G	62.6	31.9	7.2	116	34	0.0	13	0	8.0	6.7

Table 3. Wheat performance trial at Baton Rouge, LA for 2013.

Brand / variety	Grain Yield	Test Wt	Rel GroHab	Heading Day	Plant Ht	Lod Score	Stripe Rust	Leaf Rust	Stem* Rust	Pheno type
	bu/a	lbs/bu	0-9	of yr	in	0-9	%	%	0-9	0-9
DELTA GROW 7500	**60.8**	**53.2**	**7.5**	**106**	**38**	**0.0**	**0**	**25**	**5.5**	**6.5**
PROGENY PGX 12-3	60.2	51.3	6.7	108	37	0.0	0	0	0.0	6.5
TERRAL TV8848	**60.2**	**54.8**	**7.3**	**107**	**38**	**0.0**	**0**	**38**	**8.0**	**6.5**
ARX1107	57.2	56.1	7.3	104	38	0.0	1	50	8.0	6.8
DELTA GROW 9700	**53.1**	**54.4**	**6.8**	**103**	**42**	**0.0**	**0**	**33**	**7.5**	**6.0**
DIXIE DXEX13-3	49.2	49.1	7.2	113	38	0.0	0	0	3.5	5.8
DELTA GROW 7200	**49.1**	**54.0**	**7.0**	**105**	**35**	**0.0**	**45**	**73**	**7.5**	**7.5**
PROGENY PGX 1210	45.5	53.1	7.5	104	37	0.0	0	60	6.0	6.8
PIONEER 26R10	**43.4**	**53.9**	**7.3**	**106**	**37**	**0.0**	**0**	**15**	**3.0**	**6.2**
Mean	**72.5**	**55.3**	**6.0**	**97.3**	**38.3**	**0.5**	**2.2**	**10.2**	**3.4**	**5.2**
CV%	**12**	**3**	**5**	**1**	**3**	**185**	**219**	**95**	**33**	**9**
LSD (0.10)	**10.4**	**2.0**	**0.5**	**2.2**	**1.9**	**NS**	**7.9**	**16.2**	**1.8**	**0.8**

Data from Ben Hur Research Farm, Central Stations, Baton Rouge, LA. Steve Harrison, Kelly Arceneaux, Katie McCarthy.

Cultural and Site: Planted 11-10-1. Harvested 5-28-13. 18-52-34+24S +7 Zn Preplant; 50-0-0 + 50-0-0 Topdress split. Axiom herbicide followed by Axial herbicde.

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

RelGroHab is Relative growth habit: a 3 would be an early, upright spring growth habit; a 5 would be an average degree of upright growth in March, and a 7 would inidcate a line that was either not vernalized or very slow to initiate spring growth and joint out.

Stem Rust is from a 2-rep inoculated headrow nursery at Baton Rouge. Race QFCS.

NS indicates non-significant differences among varieties

Table 4. Wheat performance trial at Crowley, LA for 2013.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Heading day of yr	Plant ht in	Stripe Rust %	Leaf Rust %	Pheno type 0-9
LA06146E-P04	96.6	59.4	77	37	0	0	3.0
USG 3120	**96.0**	**59.3**	**79**	**38**	**5**	**0**	**4.0**
GA04570-10E46	95.4	59.4	82	36	0	0	3.0
AGS 2038	**95.4**	**59.4**	**84**	**37**	**0**	**0**	**3.0**
AGS 2040	**94.3**	**59.6**	**78**	**34**	**0**	**0**	**3.0**
LA06020E-P16	92.4	59.8	83	35	1	0	3.5
AGS 2035	**90.9**	**59.3**	**82**	**38**	**8**	**0**	**3.5**
TERRAL LA754	**90.7**	**59.5**	**83**	**36**	**3**	**0**	**3.5**
TERRAL LA821	**89.6**	**59.3**	**81**	**36**	**0**	**0**	**3.0**
TERRAL LA841	**89.4**	**59.8**	**82**	**34**	**0**	**0**	**3.0**
LA03200E-2	89.3	59.3	83	34	0	0	2.0
B08*0313	89.3	59.5	78	31	1	2	4.0
LA03200E-23	**88.0**	**59.2**	**83**	**36**	**2**	**0**	**3.5**
GA031257-10LE34	87.5	59.5	90	33	0	2	4.5
AGS 2060	**87.0**	**59.4**	**79**	**39**	**0**	**1**	**3.5**
JAMESTOWN	**85.5**	**59.3**	**81**	**34**	**0**	**0**	**3.0**
DYNA-GRO BALDWIN	**85.2**	**59.2**	**90**	**39**	**5**	**0**	**4.0**
SYNGENTA ARCADIA	**84.7**	**59.2**	**82**	**35**	**25**	**0**	**6.0**
VA09W-75	84.7	59.3	78	34	0	0	3.0
B06*0686	**82.2**	**59.6**	**82**	**31**	**0**	**0**	**5.0**
GA031086-10E26	79.2	58.4	92	34	0	0	4.0
ARX1206	76.4	58.8	102	32	8	0	7.0
DYNA-GRO OGLETHORPE	**76.3**	**59.3**	**85**	**33**	**0**	**10**	**5.0**
AGS 2026	**75.6**	**59.5**	**89**	**34**	**0**	**2**	**5.5**
PROGENY 125	**73.5**	**59.5**	**85**	**35**	**0**	**8**	**6.0**
SYNGENTA COKER 9553	**70.4**	**58.6**	**90**	**36**	**0**	**15**	**5.5**
DELTA GROW 5000	**69.1**	**59.7**	**86**	**33**	**0**	**8**	**6.0**
PROGENY 117	**69.1**	**59.4**	**83**	**38**	**25**	**0**	**7.0**
ARX1204	68.3	57.4	107	34	5	0	7.0
SYNGENTA MAGNOLIA	**66.4**	**59.4**	**82**	**36**	**0**	**43**	**6.0**
DIXIE KELSEY	**65.7**	**58.6**	**103**	**32**	**0**	**13**	**7.5**
PIONEER 26R41	**65.7**	**58.8**	**101**	**33**	**0**	**18**	**7.0**
PROGENY PGX 12-3	60.1	58.1	106	33	0	10	6.0
PIONEER 26R20	**59.6**	**58.0**	**103**	**34**	**5**	**0**	**7.0**
USG 3201	**59.5**	**57.7**	**104**	**33**	**5**	**4**	**7.5**
USG 3833	**59.3**	**57.3**	**107**	**34**	**3**	**0**	**6.5**
PROGENY 870	**58.7**	**58.6**	**105**	**32**	**0**	**20**	**8.0**
PROGENY PGX 12-12	55.1	59.0	93	35	5	5	7.0
TERRAL TV8535	**54.5**	**59.1**	**105**	**32**	**0**	**20**	**8.0**
RICOCHET	**53.9**	**58.3**	**103**	**32**	**5**	**13**	**8.0**
DYNA-GRO 9171	**53.7**	**58.7**	**105**	**32**	**3**	**10**	**7.0**
PIONEER 26R22	**53.6**	**58.7**	**104**	**35**	**5**	**15**	**7.5**
DIXIE MCALISTER	**52.6**	**57.5**	**105**	**33**	**5**	**3**	**7.5**
TERRAL TV8525	**47.3**	**58.4**	**104**	**34**	**0**	**18**	**7.5**
PROGENY 308	**47.0**	**58.3**	**103**	**34**	**0**	**50**	**8.0**
PIONEER XW11G	43.5	55.8	112	30	28	0	8.0
PIONEER 26R53	**42.5**	**59.1**	**104**	**31**	**0**	**25**	**8.0**
DELTA GROW 7500	**41.1**	**56.7**	**105**	**33**	**0**	**13**	**8.0**
SYNGENTA HARRISON	**41.0**	**59.0**	**104**	**34**	**3**	**10**	**7.5**
TERRAL TV8848	**39.6**	**57.8**	**103**	**35**	**0**	**30**	**8.0**

Table 4. Wheat performance trial at Crowley, LA for 2013.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Heading day of yr	Plant ht in	Stripe Rust %	Leaf Rust %	Pheno type 0-9
DELTA GROW 7000	**38.9**	**53.1**	**118**	**31**	**0**	**5**	**8.0**
ARX1107	38.0	58.9	104	33	10	15	8.0
TERRAL TV8861	**36.5**	**58.5**	**104**	**33**	**3**	**33**	**8.0**
DIXIE DXEX13-3	36.2	58.1	111	33	3	18	8.0
PROGENY PGX 1210	33.5	59.2	104	33	0	40	8.0
DELTA GROW 7200	**32.3**	**57.6**	**104**	**32**	**0**	**40**	**7.5**
PIONEER 26R10	**31.2**	**59.1**	**105**	**32**	**3**	**23**	**8.0**
DIXIE XTREME	**27.0**	**58.7**	**104**	**34**	**0**	**40**	**8.0**
DELTA GROW 9700	**26.8**	**59.4**	**104**	**34**	**10**	**55**	**8.0**
Mean	**65.7**	**58.7**	**94.4**	**33.9**	**2.9**	**10.8**	**5.9**
CV%	**7**	**1**	**1**	**4**	**138**	**73**	**11**
LSD (0.10)	**5.6**	**1.0**	**1.2**	**1.5**	**7.7**	**15.3**	**1.2**

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

Cultural and Site: Crowley silt loam; 5.5 pH, 1.9% om. Planted 11-19-12. Harvested 5-27-13. 21-60-60-24S applied 11-19-12; 90-0-0 topdress on 1-28-13. 0.4 oz Finesse on 11-20-12; 0.9 oz Harmony Extra on 12-14-12.

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

NS indicates non-significant differences among varieties

Table 5. Wheat performance trial at Jeanerette, LA for 2013.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Heading Day of yr	Stripe Rust %	Leaf Rust %	Pheno type 0-9
TERRAL LA754	**92.3**	**55.6**	**91**	**0**	**0**	**3.0**
GA031257-10LE34	92.0	58.1	94	0	0	3.3
TERRAL LA841	**90.6**	**53.7**	**90**	**0**	**0**	**3.3**
LA06146E-P04	90.5	56.5	77	0	0	3.0
LA03200E-2	89.8	55.3	88	0	0	3.0
JAMESTOWN	**87.3**	**55.0**	**87**	**0**	**0**	**2.7**
GA04570-10E46	87.1	58.2	84	0	0	3.3
TERRAL LA821	**86.4**	**55.9**	**87**	**0**	**0**	**3.3**
GA031086-10E26	84.6	55.8	98	0	0	4.0
B06*0686	84.4	55.6	89	0	0	4.0
LA06020E-P16	84.1	55.8	90	0	0	3.7
AGS 2038	**84.0**	**56.8**	**90**	**0**	**0**	**3.3**
B08*0313	83.9	55.5	77	1	0	3.7
DYNA-GRO BALDWIN	**83.3**	**59.1**	**94**	**0**	**0**	**3.7**
AGS 2026	**82.4**	**54.6**	**95**	**0**	**0**	**4.0**
ARX1206	81.3	55.6	108	1	0	6.0
AGS 2060	**79.7**	**56.1**	**78**	**0**	**0**	**3.3**
LA03200E-23	79.7	56.3	87	0	0	3.7
DYNA-GRO OGLETHORPE	**78.8**	**52.9**	**92**	**0**	**0**	**3.7**
SYNGENTA MAGNOLIA	**78.7**	**53.7**	**85**	**0**	**17**	**4.3**
SYNGENTA ARCADIA	**77.7**	**56.9**	**87**	**0**	**0**	**4.3**
AGS 2035	**77.5**	**56.3**	**86**	**0**	**0**	**4.0**
PROGENY 125	**75.8**	**52.2**	**94**	**0**	**1**	**4.3**
AGS 2040	**74.9**	**55.0**	**85**	**1**	**0**	**4.0**
SYNGENTA COKER 9553	**72.3**	**57.7**	**97**	**0**	**7**	**4.3**
PIONEER 26R41	**72.2**	**55.1**	**104**	**0**	**0**	**5.3**
PIONEER 26R22	**71.6**	**58.1**	**112**	**12**	**0**	**5.3**
USG 3201	**71.4**	**56.4**	**106**	**0**	**10**	**5.3**
PIONEER 26R53	**71.4**	**54.8**	**107**	**0**	**0**	**6.0**
DELTA GROW 5000	**70.6**	**52.5**	**96**	**0**	**3**	**5.0**
USG 3120	**69.8**	**55.2**	**81**	**0**	**0**	**3.7**
DIXIE MCALISTER	**68.7**	**52.7**	**109**	**0**	**0**	**5.3**
TERRAL TV8525	**67.6**	**52.9**	**104**	**0**	**2**	**6.0**
TERRAL TV8535	**67.0**	**51.7**	**109**	**0**	**0**	**6.0**
DYNA-GRO 9171	**66.7**	**52.0**	**109**	**0**	**3**	**6.3**
DIXIE KELSEY	**66.0**	**55.6**	**108**	**0**	**3**	**6.3**
USG 3833	**64.8**	**50.1**	**115**	**0**	**0**	**5.7**
PROGENY 308	**62.7**	**53.9**	**102**	**1**	**0**	**5.7**
PIONEER 26R20	**62.6**	**55.7**	**111**	**2**	**7**	**6.3**
VA09W-75	60.7	52.6	88	0	0	4.0
PROGENY 870	**59.6**	**52.6**	**109**	**0**	**0**	**5.0**
ARX1204	59.6	49.7	117	0	0	5.7
PROGENY PGX 12-12	57.3	55.4	99	2	4	5.7
PROGENY 117	**57.0**	**53.6**	**91**	**5**	**0**	**5.0**
DIXIE DXEX13-3	55.6	51.0	117	2	2	6.3
TERRAL TV8861	**52.6**	**52.6**	**108**	**0**	**7**	**6.7**
SYNGENTA HARRISON	**51.9**	**50.4**	**111**	**0**	**0**	**6.0**
PROGENY PGX 12-3	50.1	51.0	114	2	0	6.0
TERRAL TV8848	**49.7**	**51.7**	**110**	**0**	**8**	**6.3**
DIXIE XTREME	**47.3**	**49.3**	**107**	**0**	**7**	**5.7**

Table 5. Wheat performance trial at Jeanerette, LA for 2013.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Heading Day of yr	Stripe Rust %	Leaf Rust %	Pheno type 0-9
RICOCHET	**46.4**	**51.9**	**112**	**2**	**0**	**6.0**
DELTA GROW 7000	**45.1**	**45.6**	**121**	**10**	**2**	**6.7**
DELTA GROW 7500	**43.4**	**51.3**	**111**	**0**	**0**	**6.0**
DELTA GROW 9700	**42.2**	**49.2**	**107**	**0**	**12**	**6.0**
PIONEER 26R10	**42.0**	**49.5**	**110**	**3**	**0**	**6.0**
ARX1107	41.6	51.6	109	0	17	6.7
PIONEER XW11G	39.2	50.6	120	10	20	6.3
PROGENY PGX 1210	34.0	48.5	108	2	15	6.7
DELTA GROW 7200	**33.5**	**49.8**	**109**	**0**	**20**	**6.7**
Mean	**67.9**	**53.7**	**99.6**	**0.9**	**2.8**	**4.9**
CV%	**15**	**2**	**2**	**278**	**200**	**12**
LSD (0.10)	**12.4**	**1.3**	**2.2**	**3.4**	**7.7**	**0.8**

Data from Iberia Research Station, Jeanerette, LA. Sonny Viator and Greg Williams.

Cultural and Site: Planted 11-9-12; harvested 5-23-13. Finesse herbicide at 0.4 oz/acre on 11-29-12. Axial herbicide at 1.2 pts/acre on 4-9-13 for ryegrass. 22-22-22 starter fertilizer on 12-14-12; 100-0-0-17S topdressed on 2-18-13. Wet winter with 20" rainf from Nov - Feb, with 12" in January. No significant lodging at this location.

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

Heading Dates had an extreme range of 44 days (March 18 to May 1) due to the warm winter and long vernalization / photoperiod requirement of some entries. Late-heading entries generally had very poor test weights. Yield was significantly correlated with all otehr traits: YIELD: HD = -0.73**, TW = 0.78**, LR = -0.55**, SR = -0.33*, PHE = -0.55**. This means that higher yielding lines generally were earlier heading, had higher test weights, had less leaf rust, had less stripe rust, and looked better.

NS indicates non-significant differences among varieties

Table 6. Wheat performance trial across North Louisiana for 2013.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Heading Day of yr	Plant Ht in	Lodging Score 0-9	Stripe Rust %	Leaf Rust %	Pheno type 0-9
ARX1206	93.2	56.7	102	37	0.0	2	2	4.5
ARX1204	92.8	55.9	110	40	0.0	0	0	5.0
USG 3201	**89.9**	**58.2**	**105**	**37**	**0.3**	**0**	**5**	**5.1**
PIONEER 26R53	**89.6**	**57.8**	**104**	**35**	**0.3**	**0**	**0**	**4.6**
USG 3833	**88.0**	**55.9**	**110**	**41**	**0.0**	**1**	**1**	**5.1**
PIONEER 26R41	**87.5**	**56.5**	**104**	**37**	**0.9**	**0**	**2**	**4.1**
DIXIE KELSEY	**86.6**	**57.6**	**103**	**38**	**0.0**	**0**	**2**	**5.1**
AGS 2056	**86.5**	**55.3**	**105**	**38**	**0.0**	**0**	**4**	**5.3**
DYNA-GRO 9171	**84.7**	**55.5**	**105**	**39**	**0.0**	**0**	**1**	**4.9**
DIXIE MCALISTER	**83.1**	**54.9**	**105**	**37**	**0.0**	**0**	**1**	**5.0**
DIXIE DXEX13-3	82.0	56.4	108	41	0.0	2	0	5.4
TERRAL TV8525	**81.8**	**56.6**	**102**	**38**	**0.7**	**1**	**2**	**4.3**
PROGENY PGX 10-5	80.9	55.1	106	37	0.0	0	2	5.6
SYNGENTA HARRISON	**80.9**	**53.4**	**104**	**38**	**0.3**	**1**	**11**	**4.8**
TERRAL TV8848	**80.8**	**54.9**	**106**	**40**	**0.7**	**0**	**17**	**5.0**
SYNGENTA COKER 9553	**80.8**	**59.6**	**96**	**40**	**0.0**	**1**	**1**	**3.6**
PROGENY PGX 12-3	80.8	54.9	106	38	0.0	1	2	5.1
TERRAL TV8535	**80.7**	**55.1**	**105**	**38**	**0.0**	**0**	**2**	**4.6**
DELTA GROW 7500	**80.7**	**55.7**	**107**	**38**	**0.8**	**0**	**5**	**4.6**
AGS 2060	**80.6**	**59.1**	**88**	**39**	**0.0**	**3**	**0**	**4.4**
DELTA GROW 7200	**80.3**	**54.9**	**104**	**39**	**1.0**	**0**	**13**	**4.3**
TERRAL TV8861	**80.1**	**55.0**	**107**	**38**	**0.9**	**0**	**10**	**4.3**
GA04570-10E46	79.5	59.9	89	40	0.0	2	0	3.9
AGS 2038	**79.3**	**58.6**	**95**	**44**	**0.0**	**1**	**0**	**4.0**
ARX1107	79.1	55.2	103	38	0.6	0	14	4.9
PIONEER 26R10	**79.1**	**53.8**	**104**	**38**	**1.1**	**1**	**19**	**4.9**
GA031257-10LE34	79.0	58.8	95	37	0.0	6	0	3.9
PIONEER 26R20	**78.8**	**59.0**	**107**	**41**	**0.7**	**4**	**0**	**5.5**
DIXIE XTREME	**78.8**	**53.2**	**103**	**41**	**0.7**	**0**	**13**	**4.8**
LA06020E-P16	78.6	58.4	91	39	0.2	3	2	4.0
PROGENY PGX 12-10	78.3	53.2	103	39	1.0	1	21	4.6
DELTA GROW 9700	**76.0**	**53.5**	**104**	**41**	**0.8**	**0**	**15**	**4.1**
B08*0313	75.4	57.5	86	35	0.8	7	1	5.8
PROGENY PGX 12-12	74.7	58.1	100	40	0.5	22	4	5.8
DELTA GROW 7000	**74.2**	**57.3**	**113**	**39**	**0.0**	**13**	**3**	**5.9**
DELTA GROW 5000	**73.6**	**56.9**	**93**	**37**	**0.0**	**0**	**3**	**4.5**
LA06146E-P04	73.5	58.3	84	38	0.4	1	0	4.1
AGS 2026	**73.4**	**57.1**	**93**	**38**	**0.7**	**1**	**0**	**3.6**
PIONEER 26R22	**73.2**	**58.6**	**106**	**39**	**0.3**	**8**	**4**	**4.8**
JAMESTOWN	**73.1**	**59.8**	**88**	**35**	**0.0**	**1**	**1**	**3.6**
PIONEER XW11G	73.0	58.2	112	38	1.7	9	0	5.6
GA031086-10E26	72.7	57.7	95	37	1.5	4	0	4.4
PROGENY 308	**72.3**	**57.3**	**101**	**38**	**0.7**	**2**	**9**	**4.3**
RICOCHET	**71.9**	**53.4**	**107**	**37**	**0.8**	**1**	**3**	**5.6**
PROGENY 125	**71.5**	**56.8**	**92**	**37**	**0.0**	**1**	**2**	**3.9**
SYNGENTA MAGNOLIA	**71.4**	**57.2**	**91**	**41**	**0.0**	**1**	**3**	**4.4**
DYNA-GRO BALDWIN	**70.8**	**57.9**	**99**	**42**	**0.2**	**17**	**0**	**4.8**
TERRAL LA754	**70.8**	**57.6**	**90**	**39**	**0.2**	**9**	**0**	**5.1**
LA03200E-2	69.9	59.2	89	35	0.0	2	0	3.6
LA03200E-23	69.8	59.5	90	37	0.2	1	1	3.6

Table 6. Wheat performance trial across North Louisiana for 2013.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Heading Day of yr	Plant Ht in	Lodging Score 0-9	Stripe Rust %	Leaf Rust %	Pheno type 0-9
PROGENY 185	**68.8**	**56.5**	**101**	**41**	**0.0**	**27**	**3**	**5.9**
PIONEER 26R87	**68.7**	**60.1**	**96**	**38**	**0.2**	**7**	**1**	**4.4**
TERRAL LA841	**68.4**	**56.9**	**91**	**37**	**0.4**	**1**	**0**	**4.0**
AGS 2040	**68.2**	**58.6**	**85**	**37**	**0.0**	**7**	**0**	**4.0**
B06*0686	67.6	58.5	87	35	0.1	3	0	5.1
DYNA-GRO OGLETHORPE	**67.6**	**57.6**	**92**	**37**	**0.5**	**4**	**0**	**3.6**
AGS 2035	**66.3**	**58.8**	**87**	**41**	**0.0**	**11**	**1**	**5.3**
USG 3120	**65.4**	**58.8**	**85**	**41**	**0.3**	**12**	**0**	**4.9**
VA09W-75	63.6	57.3	87	37	0.0	6	0	4.1
TERRAL LA821	**62.1**	**58.2**	**86**	**39**	**0.1**	**9**	**0**	**4.8**
PROGENY PGX 10-7	61.0	51.7	108	37	0.9	3	22	5.1
SYNGENTA ARCADIA	**52.4**	**56.7**	**88**	**38**	**0.0**	**61**	**0**	**6.4**
PROGENY 117	**52.3**	**55.3**	**93**	**39**	**1.1**	**59**	**0**	**6.4**
Mean	**75.9**	**56.9**	**98.5**	**38.4**	**0.4**	**5.4**	**3.6**	**4.7**
CV%	**10**	**2**	**2**	**4**	**299**	**77**	**164**	**12**
LSD (0.10)	**9.9**	**1.6**	**2.6**	**1.7**	**ns**	**8.6**	**ns**	**1.0**

Data from Bossier City, St. Joseph, and Winnsboro, LA. Disease and heading data included from Alexandria, LA.

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

NS indicates non-significant differences among varieties

Table 7. Wheat performance trial across North Louisiana for two years, 2012 and 2013.

Brand / variety	Grain Yield bu/acre	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lod Score 0-9	Stripe Rust %	Leaf Rust %	Leaf Blotch 0-9	Pheno type 0-9
PIONEER 26R41	**80.4**	**56.8**	**99**	**37**	**0.6**	**0**	**1**	**1.0**	**4.1**
PIONEER 26R53	**79.8**	**57.7**	**99**	**35**	**0.3**	**0**	**1**	**1.5**	**4.4**
AGS 2056	**79.1**	**55.2**	**101**	**38**	**0.1**	**0**	**3**	**1.0**	**4.9**
USG 3201	**78.0**	**58.2**	**100**	**37**	**0.6**	**0**	**7**	**1.0**	**5.0**
DIXIE KELSEY	**77.0**	**57.6**	**98**	**38**	**0.3**	**0**	**9**	**1.0**	**5.1**
DYNA-GRO 9171	**75.7**	**55.2**	**100**	**38**	**0.3**	**0**	**4**	**1.0**	**4.8**
PROGENY 870	**75.4**	**54.8**	**102**	**37**	**0.1**	**0**	**4**	**4.0**	**5.2**
AGS 2060	**74.4**	**59.0**	**85**	**39**	**0.8**	**3**	**0**	**4.5**	**4.5**
DIXIE MCALISTER	**73.5**	**54.8**	**100**	**37**	**0.0**	**0**	**4**	**1.0**	**4.8**
TERRAL TV8535	**72.9**	**55.1**	**100**	**37**	**0.2**	**0**	**2**	**1.0**	**4.8**
AGS 2038	**72.9**	**58.3**	**91**	**43**	**0.3**	**1**	**0**	**2.5**	**4.1**
SYNGENTA HARRISON	**72.8**	**53.4**	**99**	**38**	**0.3**	**1**	**17**	**1.0**	**4.6**
DELTA GROW 7500	**72.6**	**55.5**	**102**	**38**	**0.4**	**0**	**6**	**1.0**	**4.9**
TERRAL TV8848	**72.2**	**54.5**	**101**	**39**	**0.9**	**0**	**15**	**1.0**	**4.9**
TERRAL TV8525	**70.7**	**56.4**	**97**	**38**	**0.9**	**1**	**15**	**2.0**	**4.3**
PIONEER 26R10	**70.7**	**53.5**	**100**	**37**	**0.9**	**1**	**19**	**1.5**	**4.4**
TERRAL TV8861	**70.6**	**55.2**	**102**	**38**	**1.4**	**0**	**11**	**1.0**	**4.4**
JAMESTOWN	**69.9**	**59.7**	**84**	**35**	**0.3**	**1**	**1**	**4.5**	**3.9**
PROGENY 308	**69.3**	**57.2**	**96**	**38**	**0.6**	**2**	**9**	**2.0**	**4.4**
SYNGENTA COKER 9553	**69.2**	**59.0**	**91**	**39**	**0.6**	**1**	**1**	**3.0**	**3.7**
PIONEER 26R87	**69.2**	**59.7**	**90**	**38**	**0.3**	**7**	**1**	**2.5**	**4.4**
ARX1107	68.1	54.2	99	39	0.9	0	35	1.5	4.9
DYNA-GRO BALDWIN	**67.9**	**57.9**	**95**	**42**	**0.1**	**17**	**0**	**3.5**	**4.6**
DELTA GROW 5000	**67.8**	**56.2**	**88**	**37**	**0.5**	**0**	**3**	**3.5**	**4.8**
PROGENY 125	**67.7**	**55.5**	**87**	**37**	**0.7**	**1**	**8**	**4.0**	**3.9**
USG 3120	**67.0**	**58.8**	**82**	**40**	**0.6**	**12**	**0**	**1.5**	**4.1**
TERRAL LA754	**66.4**	**57.0**	**86**	**38**	**0.7**	**9**	**0**	**3.5**	**4.5**
AGS 2035	**65.1**	**58.3**	**84**	**41**	**0.4**	**11**	**0**	**4.0**	**4.6**
TERRAL LA841	**64.5**	**56.1**	**88**	**37**	**1.1**	**1**	**0**	**4.5**	**3.9**
AGS 2026	**64.4**	**56.7**	**88**	**38**	**1.8**	**1**	**0**	**2.5**	**3.7**
SYNGENTA MAGNOLIA	**62.3**	**56.5**	**88**	**40**	**0.6**	**1**	**17**	**6.0**	**4.7**
PROGENY 185	**62.3**	**55.8**	**97**	**41**	**0.1**	**27**	**4**	**1.5**	**5.4**
DYNA-GRO OGLETHORPE	**61.7**	**55.9**	**88**	**36**	**1.4**	**4**	**0**	**2.5**	**3.6**
RICOCHET	**61.0**	**53.2**	**102**	**36**	**0.7**	**1**	**2**	**1.0**	**5.3**
AGS 2040	**60.9**	**58.3**	**82**	**37**	**0.6**	**7**	**0**	**5.0**	**4.0**
TERRAL LA821	**58.5**	**57.8**	**83**	**38**	**0.9**	**9**	**0**	**4.0**	**4.4**
SYNGENTA ARCADIA	**57.8**	**57.3**	**84**	**38**	**0.3**	**61**	**0**	**3.0**	**5.3**
PROGENY 117	**55.9**	**56.0**	**88**	**39**	**1.7**	**59**	**8**	**3.5**	**5.4**
PROGENY PGX 10-7	51.9	50.5	103	37	1.1	3	31	1.5	5.1
MEAN	**68.7**	**56.4**	**93.6**	**36.2**	**0.6**	**6.2**	**6.2**	**2.4**	**4.6**
CV%	**12**	**2**	**2**	**5**	**185**	**76**	**171**	**47**	**13**
LSD (0.10)	**8.0**	**1.1**	**1.8**	**1.6**	**0.8**	**9.7**	**12.7**		**0.7**

Data from 2012 at Dean Lee (Alexandria), Northeast (NERS - St. Joseph) and Macon Ridge (MRRS - Winnsboro); and 2013 Red River (Bossier city), NERS and MRRS.

***1 Leaf blotch is a combination of bacterial streak and septoria with saprophytes thrown in. Frost damage, severe rain storms and wind-whipping made caused signficant leaf necrosis. 2012 data 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 three years, 2011, 2012 and 2013.

Brand / variety	Grain Yield bu/acre	Test Wt lbs/bu	Head Day of yr	Plant Height in	Lod Score 0-9	Stripe Rust %	Leaf Rust %	Pheno type 0-9
AGS 2056	**79.1**	**55.2**	**101**	**38**	**0.1**	**0**	**3**	**4.9**
USG 3201	**78.0**	**58.2**	**100**	**37**	**0.6**	**0**	**7**	**5.0**
DIXIE KELSEY	**77.0**	**57.6**	**98**	**38**	**0.3**	**0**	**9**	**5.1**
PROGENY 870	**75.4**	**54.8**	**102**	**37**	**0.1**	**0**	**4**	**5.2**
AGS 2060	**74.4**	**59.0**	**85**	**39**	**0.8**	**3**	**0**	**4.5**
DIXIE MCALISTER	**73.5**	**54.8**	**100**	**37**	**0.0**	**0**	**4**	**4.8**
TERRAL TV8535	**72.9**	**55.1**	**100**	**37**	**0.2**	**0**	**2**	**4.8**
AGS 2038	**72.9**	**58.3**	**91**	**43**	**0.3**	**1**	**0**	**4.1**
DELTA GROW 7500	**72.6**	**55.5**	**102**	**38**	**0.4**	**0**	**6**	**4.9**
TERRAL TV8848	**72.2**	**54.5**	**101**	**39**	**0.9**	**0**	**15**	**4.9**
TERRAL TV8525	**70.7**	**56.4**	**97**	**38**	**0.9**	**1**	**15**	**4.3**
PIONEER 26R10	**70.7**	**53.5**	**100**	**37**	**0.9**	**1**	**19**	**4.4**
TERRAL TV8861	**70.6**	**55.2**	**102**	**38**	**1.4**	**0**	**11**	**4.4**
JAMESTOWN	**69.9**	**59.7**	**84**	**35**	**0.3**	**1**	**1**	**3.9**
SYNGENTA COKER 9553	**69.2**	**59.0**	**91**	**39**	**0.6**	**1**	**1**	**3.7**
PIONEER 26R87	**69.2**	**59.7**	**90**	**38**	**0.3**	**7**	**1**	**4.4**
DYNA-GRO BALDWIN	**67.9**	**57.9**	**95**	**42**	**0.1**	**17**	**0**	**4.6**
DELTA GROW 5000	**67.8**	**56.2**	**88**	**37**	**0.5**	**0**	**3**	**4.8**
PROGENY 125	**67.7**	**55.5**	**87**	**37**	**0.7**	**1**	**8**	**3.9**
USG 3120	**67.0**	**58.8**	**82**	**40**	**0.6**	**12**	**0**	**4.1**
TERRAL LA754	**66.4**	**57.0**	**86**	**38**	**0.7**	**9**	**0**	**4.5**
AGS 2035	**65.1**	**58.3**	**84**	**41**	**0.4**	**11**	**0**	**4.6**
TERRAL LA841	**64.5**	**56.1**	**88**	**37**	**1.1**	**1**	**0**	**3.9**
AGS 2026	**64.4**	**56.7**	**88**	**38**	**1.8**	**1**	**0**	**3.7**
SYNGENTA MAGNOLIA	**62.3**	**56.5**	**88**	**40**	**0.6**	**1**	**17**	**4.7**
PROGENY 185	**62.3**	**55.8**	**97**	**41**	**0.1**	**27**	**4**	**5.4**
DYNA-GRO OGLETHORPE	**61.7**	**55.9**	**88**	**36**	**1.4**	**4**	**0**	**3.6**
TERRAL LA821	**58.5**	**57.8**	**83**	**38**	**0.9**	**9**	**0**	**4.4**
SYNGENTA ARCADIA	**57.8**	**57.3**	**84**	**38**	**0.3**	**61**	**0**	**5.3**
PROGENY 117	**55.9**	**56.0**	**88**	**39**	**1.7**	**59**	**8**	**5.4**
PROGENY PGX 10-7	**51.9**	**50.5**	**103**	**37**	**1.1**	**3**	**31**	**5.1**
MEAN	**70.7**	**57.2**	**90.7**	**38.0**	**0.5**	**7.4**	**4.4**	**4.3**
CV%	**10**	**4**	**1**	**5**	**195.0**	**70**	**195**	**14**
LSD (0.10)	**6.0**	**1.0**	**1.8**	**1.3**	**0.7**	**10.6**	**9.1**	**0.6**

Yield data from 2011 and 2012 at Dean Lee (DLRS - Alexandria), Northeast (NERS - St. Joseph) and Macon Ridge (MRRS - Winnsboro); and 2013 Red River RS (Bossier City), NERS and MRRS.

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

Table 9. Wheat performance trial at Alexandria, LA for 2013. ***see footnotes for this location

Brand / variety	Grain Yield bu/a	Heading Day of yr	Plant Ht in	Lod Score 0-9	Bird Damage 0-9	Stripe Rust %	Leaf Rust %
AGS 2026	YIELDS	**84**	**39**	**0.0**	**3.0**	**0**	**0**
AGS 2035	NOT	**78**	**44**	**0.0**	**3.1**	**6**	**0**
AGS 2038	REPORTED	**89**	**48**	**0.0**	**1.5**	**0**	**0**
AGS 2040	DUE	**77**	**40**	**0.0**	**3.6**	**0**	**0**
AGS 2056	TO	**101**	**38**	**0.0**	**1.4**	**0**	**16**
AGS 2060	SEVERE	**77**	**43**	**0.0**	**1.3**	**0**	**0**
ARX1107	BIRD	98	41	0.0	1.1	0	48
ARX1204	DAMAGE	102	41	0.0	1.0	0	1
ARX1206		99	40	0.0	1.0	0	1
B06*0686		80	40	0.0	1.3	0	0
B08*0313		77	38	1.8	3.8	2	0
DELTA GROW 5000		**86**	**41**	**0.0**	**5.3**	**0**	**0**
DELTA GROW 7000		**109**	**39**	**0.0**	**0.5**	**30**	**0**
DELTA GROW 7200		**100**	**41**	**0.0**	**0.5**	**0**	**45**
DELTA GROW 7500		**101**	**40**	**0.0**	**0.5**	**0**	**20**
DELTA GROW 9700		**99**	**44**	**0.0**	**1.4**	**0**	**55**
DIXIE DXEX13-3		107	42	0.0	1.9	8	1
DIXIE KELSEY		**98**	**40**	**0.0**	**0.8**	**0**	**6**
DIXIE MCALISTER		**99**	**39**	**0.0**	**0.5**	**0**	**4**
DIXIE XTREME		**100**	**42**	**0.0**	**1.3**	**0**	**38**
DYNA-GRO 9171		**100**	**42**	**0.0**	**0.6**	**0**	**6**
DYNA-GRO BALDWIN		**92**	**46**	**0.0**	**0.8**	**14**	**0**
DYNA-GRO OGLETHORPE		**84**	**40**	**0.0**	**5.0**	**1**	**0**
GA031086-10E26		92	39	1.0	2.6	0	0
GA031257-10LE34		90	41	0.0	1.3	0	0
GA04570-10E46		78	44	0.0	4.0	0	0
JAMESTOWN		**79**	**40**	**0.0**	**1.6**	**0**	**0**
LA03200E-2		81	42	0.0	0.9	0	0
LA03200E-23		81	42	0.0	1.8	0	0
LA06020E-P16		85	42	0.0	1.5	8	0
LA06146E-P04		75	42	1.0	2.6	0	0
PIONEER 26R10		**97**	**41**	**0.0**	**0.8**	**0**	**75**
PIONEER 26R20		**102**	**44**	**0.0**	**0.8**	**2**	**1**
PIONEER 26R22		**101**	**41**	**0.0**	**0.5**	**4**	**11**
PIONEER 26R41		**98**	**39**	**0.0**	**0.5**	**0**	**1**
PIONEER 26R53		**100**	**37**	**0.0**	**0.5**	**0**	**1**
PIONEER 26R87		**93**	**41**	**0.0**	**0.6**	**0**	**0**
PIONEER XW11G		106	39	1.3	0.5	23	2
PROGENY 117		**84**	**43**	**0.0**	**2.6**	**78**	**0**
PROGENY 125		**84**	**41**	**0.0**	**4.9**	**0**	**0**
PROGENY 185		**95**	**42**	**0.0**	**0.8**	**29**	**10**
PROGENY 308		**96**	**43**	**0.0**	**0.8**	**1**	**28**
PROGENY 357		**102**	**39**	**0.0**	**0.8**	**1**	**85**
PROGENY 870		**99**	**39**	**0.0**	**0.5**	**0**	**6**
PROGENY PGX 1210		99	40	0.0	0.5	0	75
PROGENY PGX 12-12		94	43	0.0	2.3	31	13
PROGENY PGX 12-3		102	40	0.0	0.5	0	1
RICOCHET		**100**	**38**	**0.0**	**0.5**	**3**	**1**
SYNGENTA ARCADIA		**80**	**43**	**0.0**	**2.9**	**61**	**0**
SYNGENTA COKER 9553		**93**	**44**	**0.0**	**2.5**	**0**	**0**

Table 9. Wheat performance trial at Alexandria, LA for 2013. ***see footnotes for this location

Brand / variety	Grain Yield bu/a	Heading Day of yr	Plant Ht in	Lod Score 0-9	Bird Damage 0-9	Stripe Rust %	Leaf Rust %
SYNGENTA HARRISON		**99**	**41**	**0.0**	**0.5**	**1**	**40**
SYNGENTA MAGNOLIA		**79**	**44**	**0.0**	**3.5**	**0**	**0**
TERRAL LA754		**85**	**42**	**0.0**	**2.6**	**2**	**0**
TERRAL LA821		**79**	**42**	**0.0**	**2.1**	**3**	**0**
TERRAL LA841		**83**	**40**	**0.0**	**1.4**	**0**	**0**
TERRAL TV8525		**98**	**40**	**0.0**	**0.5**	**0**	**6**
TERRAL TV8535		**100**	**40**	**0.0**	**0.5**	**0**	**5**
TERRAL TV8848		**101**	**42**	**0.0**	**0.5**	**0**	**65**
TERRAL TV8861		**102**	**38**	**0.0**	**0.5**	**0**	**33**
USG 3120		**76**	**44**	**0.0**	**4.6**	**16**	**0**
USG 3201		**100**	**39**	**0.0**	**0.8**	**0**	**16**
USG 3833		**102**	**41**	**0.0**	**1.4**	**0**	**1**
VA09W-75		77	41	0.0	4.8	2	0
Mean		**91.9**	**41.2**	**0.1**	**1.7**	**5.1**	**11.3**
CV%		**1**	**4**	**799**	**60**	**44**	**99**
LSD (0.10)		**1.9**	**2.3**	**NS**	**0.7**	**3.7**	**18.5**

Data from Dean Lee Research Station, Alexandria, LA.

NOTES: Test weight is not reported because combine computer problems at this location resulted in unreliable test weight data.

Bird Damage: Serious bird damaage occurred at this location in reps 1 and 2 adjacent to a tree line. Bird damage was worse for earlier entries. 0 = no damage, 5 = serious damage, approaching 50% seed loss, 9 = essentially 100% seed loss. Bird Damage was highly incersely correlated with heading date (r = -0.72**).

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

NS indicates non-significant differences among varieties

Table 10. Wheat performance trial at Bossier City, LA for 2013.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Heading Day of yr	Plant Ht in	Lod Score 0-9	Stripe Rust %	Leaf Rust %
ARX1206	117.3	56.3	103	37	0.0	1	3
USG 3201	**110.4**	**56.4**	**109**	**36**	**0.0**	**0**	**0**
DYNA-GRO 9171	**110.0**	**54.1**	**110**	**37**	**0.0**	**0**	**0**
DIXIE KELSEY	**109.9**	**56.4**	**108**	**38**	**0.0**	**0**	**0**
ARX1204	109.1	54.0	118	41	0.0	0	0
PIONEER 26R53	**107.6**	**55.8**	**108**	**35**	**0.0**	**0**	**0**
AGS 2056	**106.9**	**53.8**	**109**	**38**	**0.0**	**0**	**0**
PROGENY 870	**106.6**	**54.0**	**112**	**38**	**0.0**	**0**	**0**
TERRAL TV8848	**105.3**	**54.3**	**113**	**41**	**0.0**	**0**	**0**
DIXIE DXEX13-3	105.2	55.6	117	42	0.0	0	0
PROGENY PGX 12-12	105.2	56.0	106	40	0.0	1	0
ARX1107	104.7	55.7	108	37	0.0	0	0
PIONEER 26R41	**104.6**	**55.3**	**110**	**37**	**0.0**	**0**	**0**
PIONEER XW11G	**104.0**	**56.4**	**119**	**38**	**1.3**	**0**	**0**
DELTA GROW 7000	**103.9**	**55.5**	**118**	**40**	**0.0**	**0**	**7**
LA06020E-P16	103.7	56.6	98	38	0.0	1	3
PIONEER 26R10	**103.7**	**53.2**	**112**	**36**	**0.0**	**0**	**0**
DIXIE MCALISTER	**103.3**	**53.3**	**111**	**37**	**0.0**	**0**	**0**
PROGENY PGX 12-3	102.9	53.7	109	38	0.0	0	5
TERRAL TV8861	**102.9**	**54.1**	**112**	**38**	**0.0**	**0**	**3**
DELTA GROW 7500	**102.3**	**54.6**	**111**	**38**	**0.0**	**0**	**0**
USG 3833	**102.2**	**53.5**	**118**	**40**	**0.0**	**0**	**0**
TERRAL TV8535	**101.1**	**53.7**	**109**	**37**	**0.0**	**0**	**2**
PROGENY PGX 1210	100.4	52.3	104	39	0.0	0	3
PIONEER 26R22	**100.2**	**57.4**	**111**	**39**	**0.0**	**1**	**3**
DELTA GROW 7200	**99.4**	**53.8**	**109**	**39**	**0.0**	**0**	**2**
SYNGENTA HARRISON	**99.3**	**52.4**	**108**	**38**	**0.0**	**0**	**0**
AGS 2038	**99.0**	**57.4**	**102**	**40**	**0.0**	**2**	**0**
B08*0313	98.9	57.3	92	34	0.0	3	0
TERRAL TV8525	**98.5**	**55.3**	**107**	**37**	**0.3**	**0**	**0**
AGS 2060	**98.4**	**57.7**	**96**	**37**	**0.0**	**2**	**0**
GA04570-10E46	98.1	58.7	98	37	0.0	0	0
DELTA GROW 9700	**97.8**	**52.8**	**109**	**41**	**0.0**	**0**	**0**
SYNGENTA MAGNOLIA	**96.8**	**56.3**	**102**	**37**	**0.0**	**1**	**5**
SYNGENTA COKER 9553	**96.6**	**58.0**	**100**	**38**	**0.0**	**2**	**0**
RICOCHET	**96.2**	**53.2**	**115**	**38**	**0.3**	**0**	**0**
PIONEER 26R20	**95.9**	**57.8**	**114**	**43**	**0.7**	**0**	**0**
DIXIE XTREME	**95.1**	**52.8**	**106**	**42**	**0.0**	**0**	**2**
PROGENY 185	**95.1**	**55.4**	**106**	**42**	**0.0**	**1**	**0**
GA031257-10LE34	94.3	57.1	99	35	0.0	2	0
TERRAL LA754	**93.4**	**56.6**	**95**	**38**	**0.0**	**3**	**0**
AGS 2035	**92.5**	**57.9**	**94**	**40**	**0.0**	**3**	**2**
DYNA-GRO BALDWIN	**91.6**	**56.2**	**105**	**40**	**0.7**	**8**	**0**
JAMESTOWN	**91.0**	**58.7**	**96**	**33**	**0.0**	**2**	**0**
TERRAL LA841	**88.9**	**55.5**	**97**	**38**	**0.0**	**4**	**0**
PIONEER 26R87	**88.7**	**58.3**	**98**	**36**	**0.7**	**9**	**3**
USG 3120	**87.6**	**57.3**	**92**	**38**	**0.0**	**4**	**0**
LA03200E-23	86.7	58.6	98	35	0.7	3	0
LA03200E-2	86.3	57.5	97	34	0.0	3	0
AGS 2026	**86.2**	**55.8**	**96**	**38**	**0.0**	**4**	**0**

Table 10. Wheat performance trial at Bossier City, LA for 2013.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Heading Day of yr	Plant Ht in	Lod Score 0-9	Stripe Rust %	Leaf Rust %
AGS 2040	**85.5**	**58.0**	**92**	**36**	**0.0**	**17**	**0**
LA06146E-P04	83.7	56.7	92	37	0.0	3	0
TERRAL LA821	**82.8**	**56.8**	**92**	**37**	**0.3**	**7**	**0**
GA031086-10E26	82.3	56.8	99	36	0.0	1	0
PROGENY 308	**82.2**	**56.2**	**104**	**36**	**0.3**	**1**	**3**
DELTA GROW 5000	**82.1**	**55.3**	**98**	**34**	**0.0**	**1**	**0**
B06*0686	80.1	57.2	93	33	0.3	3	0
PROGENY 357	**79.5**	**49.8**	**115**	**39**	**0.0**	**0**	**0**
SYNGENTA ARCADIA	**78.2**	**57.3**	**95**	**36**	**0.0**	**33**	**0**
VA09W-75	76.6	56.3	95	37	0.0	5	0
DYNA-GRO OGLETHORPE	**75.9**	**55.9**	**97**	**36**	**0.0**	**7**	**0**
PROGENY 117	**74.1**	**56.2**	**98**	**37**	**0.3**	**22**	**0**
PROGENY 125	**72.4**	**55.7**	**95**	**33**	**0.0**	**2**	**0**
Mean	**95.6**	**55.7**	**104.1**	**37.5**	**0.1**	**2.5**	**0.8**
CV%	**7**	**1**	**2**	**4**	**390**	**172**	**292**
LSD (0.10)	**9.4**	**1.0**	**2.8**	**2.2**	**NS**	**5.9**	**3.0**

Data from Red River Research Station, Bossier City, LA. Blair Buckley, Bill Waltman, and Amy Cooper.

Rep 1 was dropped due to planter issues.

Cultural and Site: Planted Nov 16, 2012. 55-0-0 topdress on 2-5-13; 55-0-0 topdress on 2-25-13. Harmony Extra at 0.7 oz/acre on 12-7-12. Axial XL at 16.4 oz/acre o 3-6-2013. Harvested 6-17-2013.

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 2013. * See footnotes for this location**

Brand / variety	Grain Yield* 2013	rnk	reps	2-YR	Test Wt	Rel Grow Hab	Head Day	Plant Ht	Lod Score	Stripe Rust	Leaf Rust	Pheno type
	bu/a					Reps	of yr	in	0-9	%	%	0-9
DYNA-GRO 9171	**79.1**	**3**		**67.7**	**56.9**	**7.5**	**107**	**38**	**0.0**	**0**	**0**	**4.3**
PIONEER 26R41	**75.8**	6		**67.4**	**56.1**	**7.0**	**105**	**36**	**3.0**	**0**	**0**	**3.8**
AGS 2056	**75.3**	8		**67.1**	**55.6**	**8.0**	**105**	**38**	**0.0**	**0**	**0**	**4.5**
PIONEER 26R53	**68.9**	14		**66.3**	**57.8**	**7.5**	**107**	**34**	**1.0**	**0**	**0**	**4.3**
DIXIE KELSEY	**72.6**	10		**65.5**	**58.5**	**7.0**	**103**	**37**	**0.0**	**0**	**0**	**4.5**
PROGENY 870	**70.8**	11		**63.8**	**56.0**	**8.0**	**107**	**36**	**0.0**	**0**	**0**	**4.8**
DIXIE MCALISTER	**75.7**	7		**63.5**	**56.9**	**8.0**	**104**	**36**	**0.0**	**0**	**0**	**4.5**
USG 3201	**79.2**	2		**63.1**	**59.5**	**7.0**	**106**	**36**	**1.0**	**0**	**0**	**4.8**
AGS 2060	**67.9**	15		**62.2**	**59.4**	**2.5**	**89**	**36**	**0.0**	**5**	**0**	**4.8**
TERRAL TV8535	**64.5**	18		**61.0**	**55.7**	**8.5**	**106**	**38**	**0.0**	**0**	**0**	**3.8**
PROGENY 308	**61.3**	29		**61.0**	**57.8**	**8.5**	**100**	**36**	**2.0**	**3**	**0**	**4.0**
DELTA GROW 7500	**62.1**	27		**60.6**	**56.0**	**8.0**	**107**	**37**	**2.7**	**0**	**0**	**4.5**
SYNGENTA HARRISON	**65.4**	**17**		**60.2**	**51.7**	**8.0**	**106**	**35**	**1.0**	**1**	**0**	**4.3**
DYNA-GRO BALDWIN	**57.9**	35		**60.2**	**58.9**	**5.5**	**98**	**41**	**0.0**	**19**	**0**	**4.0**
JAMESTOWN	**62.3**	26		**59.2**	**59.9**	**5.0**	**90**	**33**	**0.0**	**0**	**0**	**3.5**
AGS 2038	**54.7**	41	**2**	**58.5**	**59.2**	**3.0**	**95**	**42**	**0.0**	**1**	**0**	**4.3**
TERRAL TV8525	**69.6**	12		**58.2**	**55.6**	**8.0**	**104**	**36**	**2.0**	**1**	**0**	**3.3**
PIONEER 26R87	**51.8**	46		**58.0**	**60.2**	**6.0**	**98**	**36**	**0.0**	**5**	**0**	**4.0**
SYNGENTA COKER 9553	**64.2**	20	**2**	**56.5**	**59.3**	**5.5**	**96**	**38**	**0.0**	**0**	**0**	**3.8**
TERRAL TV8861	**63.2**	24		**54.3**	**55.3**	**8.5**	**107**	**37**	**3.0**	**0**	**0**	**3.5**
ARX1107	63.4	22		53.6	51.8	7.0	106	37	2.0	0	0	4.3
PROGENY 125	**60.1**	31		**53.5**	**56.4**	**5.5**	**96**	**37**	**0.0**	**0**	**0**	**3.5**
DELTA GROW 5000	**52.0**	45		**53.4**	**57.6**	**5.5**	**95**	**35**	**0.0**	**0**	**1**	**4.3**
PIONEER 26R10	**48.5**	54		**52.8**	**49.4**	**8.0**	**106**	**34**	**3.7**	**1**	**0**	**4.3**
TERRAL LA841	**57.8**	36		**52.4**	**58.1**	**5.0**	**95**	**35**	**1.3**	**0**	**0**	**4.0**
TERRAL LA754	**55.5**	39		**51.8**	**55.8**	**4.0**	**91**	**36**	**0.7**	**20**	**0**	**5.0**
RICOCHET	**50.3**	50		**49.7**	**51.1**	**8.0**	**107**	**35**	**2.3**	**0**	**5**	**5.3**
TERRAL TV8848	**52.2**	43		**49.6**	**52.5**	**9.0**	**107**	**37**	**2.3**	**0**	**0**	**5.0**
PROGENY 185	**52.1**	44		**48.8**	**56.3**	**8.0**	**104**	**41**	**0.0**	**25**	**0**	**4.5**
SYNGENTA ARCADIA	**35.1**	59		**48.5**	**55.7**	**3.5**	**89**	**38**	**0.0**	**78**	**0**	**5.5**
SYNGENTA MAGNOLIA	**48.8**	51		**48.3**	**57.4**	**3.5**	**93**	**41**	**0.0**	**1**	**0**	**4.3**
USG 3120	**38.8**	57		**48.3**	**60.7**	**2.5**	**88**	**39**	**1.0**	**15**	**0**	**4.0**
DYNA-GRO OGLETHORPE	**50.5**	49		**47.9**	**57.7**	**5.0**	**96**	**35**	**1.7**	**2**	**0**	**3.5**
AGS 2035	**36.7**	58		**47.7**	**58.4**	**3.5**	**90**	**39**	**0.0**	**7**	**0**	**5.0**
AGS 2026	**57.2**	38		**46.4**	**57.9**	**6.5**	**96**	**35**	**2.3**	**0**	**0**	**3.3**
PROGENY 117	**32.6**	61	**2**	**46.0**	**53.7**	**7.0**	**95**	**38**	**4.5**	**78**	**0**	**4.8**
AGS 2040	**50.5**	48		**41.1**	**59.1**	**3.0**	**88**	**35**	**0.0**	**2**	**0**	**4.0**
TERRAL LA821	**34.6**	60	**2**	**37.6**	**58.6**	**3.5**	**89**	**38**	**0.0**	**4**	**0**	**4.0**
ARX1204	82.9	1			57.7	9.0	112	38	0.0	0	0	4.5
ARX1206	77.5	4			55.0	7.5	105	36	0.0	3	0	3.8
PIONEER 26R20	**76.5**	5			**59.7**	**8.5**	**107**	**38**	**1.7**	**8**	**0**	**4.8**
USG 3833	**75.2**	9			**57.1**	**9.0**	**112**	**41**	**0.0**	**1**	**0**	**4.5**
GA031257-10LE34	69.6	13			59.0	7.5	96	35	0.0	4	0	3.3
DIXIE DXEX13-3	65.6	16			55.6	8.0	99	40	0.0	0	0	5.3
LA06020E-P16	64.3	19			59.0	5.0	95	38	0.7	4	0	3.3
PIONEER 26R22	**64.0**	21			**57.9**	**7.5**	**110**	**36**	**1.0**	**8**	**0**	**3.8**
GA04570-10E46	63.2	23			60.4	4.5	91	38	0.0	3	0	3.8
PROGENY PGX 12-3	63.0	25			54.5	7.5	109	36	0.0	0	0	5.0

Table 11. Wheat performance trial at St Joseph, LA for 2013. * See footnotes for this location**

	Grain Yield*				Test	Rel Grow	Head	Plant	Lod	Stripe	Leaf	Pheno
	2013	rnk	reps	2-YR	Wt	Hab	Day	Ht	Score	Rust	Rust	type
Brand / variety	bu/a					Reps	of yr	in	0-9	%	%	0-9
DELTA GROW 7000	**62.0**	28			**58.8**	**7.5**	**113**	**39**	**0.0**	**13**	**0**	**4.8**
B06*0686	61.2	30			59.5	4.5	90	33	0.0	5	0	5.3
PIONEER XW11G	**58.7**	32			**59.1**	**7.5**	**112**	**37**	**2.7**	**13**	**0**	**4.5**
LA03200E-2	58.3	33			59.4	4.0	91	31	0.0	2	0	3.8
DELTA GROW 7200	**58.1**	34			**54.6**	**7.0**	**106**	**38**	**3.3**	**1**	**0**	**3.0**
PROGENY PGX 12-12	57.5	37			58.5	7.0	102	37	1.7	28	0	5.0
LA03200E-23	54.9	40			59.6	4.0	93	35	0.0	0	0	3.5
GA031086-10E26	54.1	42			56.4	5.5	96	35	3.7	3	0	4.0
DIXIE XTREME	**50.6**	47			**50.3**	**6.5**	**105**	**40**	**2.3**	**0**	**10**	**4.3**
PROGENY PGX 1210	**48.7**	52			**50.8**	**8.0**	**107**	**36**	**3.3**	**3**	**0**	**4.3**
DELTA GROW 9700	**48.7**	53			**51.9**	**8.0**	**104**	**38**	**2.7**	**1**	**0**	**4.0**
VA09W-75	43.6	55			58.2	3.5	88	34	0.0	10	0	4.3
PROGENY 357	**41.1**	56			**51.0**	**8.5**	**109**	**34**	**3.0**	**5**	**0**	**4.3**
B08*0313	--	63	1		56.6	1.5	88	32	0.0	13	0	5.3
LA06146E-P04	--	62	0		58.4	1.0	88	33	0.0	0	0	4.8
Mean	**59.5**			**55.3**	**56.7**	**6.2**	**99.8**	**36.6**	**1.0**	**6.1**	**0.3**	**4.2**
CV%	**15**			**15.0**	**3**	**10**	**2**	**6**	**182**	**72**		**13**
LSD (0.10)	**12.6**			**14.3**	**2.5**	**1.0**	**2.9**	**2.8**	**2.5**	**7.4**		**0.9**

Data from Northeast Research Station, St. Joseph, LA. Rick Mascagni, Myra Purvis, Tim Talbot, John Stapp, Kylie Cater, and Gene Boquet.

*** No Reps** 3 reps unless noted. Rep 4 was dropped due to low, wet areas and problems with ryegrass. Entries with fewer than three reps were

RelGroHab is Relative growth habit: a 3 would be an early, upright spring growth habit; a 5 would be an average degree of upright growth in

Cultural and Site: Planted 11-8-12. harvested 6-6-13. 3.5 oz/acre Powerflex applied on 11-18-12. Harmony Extra (0.8 oz/acre) and Axial (16 oz/acre) applied on 1-24-13. 100-0-0 topdress on 2-18-13. Axial (16 oz/acre) applied on 2-24-13. 4 oz of Cypermethrin for rice stink bugs 4-23-

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 2013. * See footnotes for this location**

	Grain Yield			Test	Heading	Freeze	Plant	Stripe	Leaf	Pheno
	2013	rnk	2-YR	Wt	Day	Damage	Ht	Rust	Rust	type
Brand / variety		**bu/a**			**of yr**	**0-9**	**in**	**%**	**%**	**0-9**
PIONEER 26R41	**83.4**	10	**82.8**	**58.8**	**101**	**0.0**	**36**	**0**	**7**	**4.5**
PIONEER 26R53	**91.7**	1	**81.1**	**60.6**	**100**	**0.0**	**35**	**0**	**0**	**5.0**
TERRAL TV8848	**83.9**	6	**79.5**	**58.0**	**102**	**0.0**	**39**	**0**	**1**	**5.0**
AGS 2056	**79.6**	15	**79.1**	**57.2**	**103**	**0.0**	**38**	**0**	**1**	**6.0**
USG 3201	**82.5**	12	**78.9**	**59.5**	**102**	**0.0**	**37**	**0**	**3**	**5.5**
PROGENY 125	**79.4**	16	**78.5**	**58.9**	**91**	**1.5**	**37**	**0**	**8**	**4.3**
AGS 2060	**76.7**	27	**76.1**	**61.1**	**86**	**2.0**	**42**	**5**	**0**	**4.0**
DELTA GROW 5000	**83.4**	9	**75.1**	**58.6**	**92**	**1.5**	**39**	**0**	**10**	**4.8**
DIXIE KELSEY	**79.7**	14	**74.8**	**58.6**	**100**	**0.0**	**38**	**0**	**2**	**5.8**
AGS 2038	**76.9**	26	**74.1**	**60.1**	**93**	**2.0**	**46**	**0**	**0**	**3.8**
SYNGENTA HARRISON	**78.6**	18	**74.0**	**56.7**	**101**	**0.0**	**39**	**2**	**5**	**5.3**
PIONEER 26R10	**83.6**	8	**73.9**	**59.0**	**100**	**0.0**	**41**	**3**	**3**	**5.5**
USG 3120	**68.7**	42	**73.3**	**60.0**	**82**	**6.5**	**44**	**18**	**0**	**5.8**
TERRAL TV8861	**75.6**	29	**72.8**	**56.0**	**104**	**0.0**	**38**	**0**	**2**	**5.0**
TERRAL TV8535	**77.6**	22	**72.8**	**56.7**	**102**	**0.0**	**36**	**0**	**0**	**5.5**
PROGENY 870	**69.2**	39	**72.5**	**56.0**	**103**	**0.0**	**37**	**0**	**3**	**6.5**
DELTA GROW 7500	**78.4**	19	**72.1**	**57.0**	**105**	**0.0**	**38**	**1**	**1**	**4.8**
AGS 2026	**76.1**	28	**72.0**	**58.3**	**94**	**2.5**	**40**	**0**	**2**	**4.0**
PROGENY 308	**73.1**	33	**71.7**	**58.6**	**100**	**0.0**	**39**	**3**	**3**	**4.5**
PIONEER 26R87	**66.5**	47	**71.7**	**62.6**	**94**	**0.5**	**40**	**15**	**0**	**4.8**
JAMESTOWN	**67.8**	45	**71.3**	**61.3**	**84**	**3.5**	**37**	**0**	**5**	**3.8**
TERRAL TV8525	**78.3**	20	**71.2**	**59.5**	**99**	**0.0**	**38**	**3**	**1**	**5.3**
DIXIE MCALISTER	**73.6**	32	**71.0**	**55.3**	**104**	**0.0**	**36**	**0**	**2**	**5.5**
AGS 2035	**68.8**	41	**69.9**	**60.5**	**84**	**2.5**	**43**	**35**	**0**	**5.5**
DYNA-GRO 9171	**69.9**	36	**69.8**	**56.3**	**104**	**0.0**	**37**	**1**	**0**	**5.5**
DYNA-GRO OGLETHORPE	**74.1**	31	**69.3**	**59.9**	**90**	**2.0**	**37**	**4**	**0**	**3.8**
TERRAL LA754	**65.2**	50	**69.1**	**60.0**	**85**	**4.5**	**40**	**13**	**0**	**5.3**
SYNGENTA COKER 9553	**77.2**	24	**68.4**	**62.4**	**94**	**1.5**	**40**	**0**	**5**	**3.5**
ARX1107	71.8	34	67.2	57.7	101	0.0	39	0	10	5.5
AGS 2040	**64.2**	53	**66.6**	**59.1**	**82**	**4.0**	**35**	**3**	**0**	**4.0**
DYNA-GRO BALDWIN	**64.9**	51	**65.8**	**59.5**	**97**	**0.5**	**44**	**30**	**0**	**5.5**
TERRAL LA821	**60.3**	60	**65.1**	**59.9**	**84**	**4.5**	**38**	**25**	**0**	**5.5**
TERRAL LA841	**60.8**	58	**64.4**	**57.9**	**86**	**3.0**	**38**	**1**	**0**	**4.0**
PROGENY 185	**61.7**	56	**61.7**	**58.5**	**97**	**0.0**	**39**	**65**	**0**	**7.3**
SYNGENTA MAGNOLIA	**69.3**	38	**61.7**	**58.6**	**87**	**2.5**	**43**	**0**	**6**	**4.5**
SYNGENTA ARCADIA	**46.0**	62	**58.2**	**57.0**	**85**	**5.5**	**36**	**85**	**0**	**7.3**
RICOCHET	**69.9**	37	**57.8**	**56.0**	**102**	**0.0**	**36**	**2**	**8**	**6.0**
PROGENY 117	**45.8**	63	**56.5**	**54.7**	**93**	**3.5**	**38**	**80**	**0**	**8.0**
ARX1204	88.1	2		56.9	107	0.0	42	1	0	5.5
DIXIE XTREME	**87.7**	3		**56.8**	**101**	**0.0**	**41**	**0**	**5**	**5.3**
USG 3833	**87.0**	4		**58.4**	**105**	**0.0**	**42**	**3**	**1**	**5.8**
ARX1206	86.8	5		59.1	99	0.0	37	4	3	5.3
PROGENY PGX 1210	83.9	7		56.9	100	0.0	40	0	4	5.0
DELTA GROW 7200	**82.6**	11		**56.8**	**101**	**0.0**	**39**	**0**	**5**	**5.5**
DELTA GROW 9700	**80.0**	13		**56.3**	**101**	**0.0**	**42**	**1**	**3**	**4.3**
GA031086-10E26	79.4	17		60.4	94	1.5	38	13	0	4.8
GA04570-10E46	77.7	21		61.2	85	3.5	42	5	0	4.0
PROGENY PGX 12-3	77.5	23		57.0	103	0.0	40	3	0	5.3
DIXIE DXEX13-3	77.0	25		58.3	107	0.0	40	0	1	5.5
GA031257-10LE34	74.5	30		61.0	94	1.0	38	20	0	4.5

Table 12. Wheat performance trial at Winnsboro, LA for 2013. * See footnotes for this location**

	Grain Yield			Test	Heading	Freeze	Plant	Stripe	Leaf	Pheno
	2013	rnk	2-YR	Wt	Day	Damage	Ht	Rust	Rust	type
Brand / variety		bu/a			of yr	0-9	in	%	%	0-9
LA06020E-P16	70.6	35		60.5	86	2.0	40	1	1	4.8
VA09W-75	69.0	40		57.8	84	4.5	38	8	0	4.0
B08*0313	68.3	43		58.7	83	4.0	34	13	2	6.3
LA03200E-23	68.2	44		60.8	86	2.0	36	0	5	3.8
PIONEER 26R20	**67.8**	46		**60.0**	**103**	**0.0**	**40**	**8**	**0**	**6.3**
LA03200E-2	66.4	48		61.5	85	2.5	34	3	1	3.5
LA06146E-P04	65.9	49		60.4	79	2.0	41	0	0	3.5
PROGENY PGX 12-12	64.8	52		60.7	97	0.0	41	38	4	6.5
B06*0686	63.0	54		59.5	83	4.0	35	7	0	5.0
PROGENY 357	**62.0**	55		**55.0**	**104**	**0.0**	**38**	**8**	**1**	**6.0**
DELTA GROW 7000	**61.1**	57		**58.6**	**112**	**0.0**	**37**	**18**	**0**	**7.0**
PIONEER XW11G	60.5	59		59.9	107	0.0	36	8	0	6.8
PIONEER 26R22	**59.9**	61		**60.9**	**101**	**0.0**	**40**	**25**	**0**	**5.8**
Mean	**72.8**		**70.3**	**58.7**	**95.4**	**1.3**	**38.5**	**9.1**	**1.8**	**5.2**
CV%	**10**		**11**	**1**	**2**	**71**	**3**	**53**	**134**	**11**
LSD (0.10)	**8.4**		**13.5**	**1.4**	**2.5**	**1.5**	**2.0**	**8.1**	**4.1**	**1.0**

Data from MaconRidge Research Station, Winnsboro, LA. Rick Mascagni, Myra Purvis, Tim Talbot, John Stapp, Kylie Cater, and Gene Boquet.

Freeze Damage: a late March freeze caused significant sterility in early-heading entreis that were near pollination. The correlation bewteeen heading date and yield is 0.38** which that later-heading varieties generally had higher yields. There was a range of 34 days in heading date. Likewise, the correlation between freeze damage and yield is -0.49** such that yield was significantly inversely correlated with freeze damage. There was an almost perfect correlation between heading date and freeze damage (r = -0.87**). A rating of 0 indicates no damage; a 5 would indicate that approximately 50% of heads (florets) appeared to be sterile.

18 of the 20 highest-yielding entries had heading dates between April 2 (92) and April 11 (101). These entries avoided the late freeze and took advantage of an unusally cool April grain filling period.

Cultural and Site: Planted 11-5-12. Harvested 5-30-13. Applied 0.6 oz/acre harmony Extra on 12-6-12. 100-0-0-7S applied 2-15-13.

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 six Louisiana locations for 2013.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Heading Day of yr	Plant Ht in	Lodging Score 0-9	Stripe Rust %	Leaf Rust %	Pheno type 0-9
ARX1206	**85.9**	**56.5**	**103**	**36**	**0.0**	**2**	**1**	**5.6**
LA06146E-P04	85.3	57.9	81	38	0.3	1	0	3.6
AGS 2038	**84.9**	**58.4**	**90**	**42**	**0.4**	**1**	**0**	**3.6**
GA04570-10E46	83.6	59.3	86	39	0.1	1	0	3.5
GA031257-10LE34	82.5	58.7	94	36	0.2	4	0	3.9
LA06020E-P16	82.5	58.2	89	38	0.3	2	1	3.7
AGS 2060	**81.4**	**58.5**	**83**	**39**	**0.2**	**2**	**0**	**3.7**
TERRAL LA754	**81.2**	**57.7**	**88**	**38**	**0.2**	**5**	**0**	**3.9**
B08*0313	80.1	57.4	81	34	0.8	4	1	4.7
PIONEER 26R41	**80.1**	**56.9**	**103**	**36**	**0.8**	**0**	**4**	**5.3**
USG 3201	**79.7**	**57.3**	**105**	**36**	**0.3**	**1**	**5**	**5.8**
LA03200E-2	79.5	58.3	87	35	0.1	1	2	3.1
DYNA-GRO BALDWIN	**78.2**	**59.0**	**95**	**42**	**0.4**	**10**	**0**	**4.2**
AGS 2040	**78.1**	**57.9**	**84**	**36**	**0.1**	**4**	**0**	**3.7**
TERRAL LA841	**77.8**	**56.4**	**89**	**37**	**0.9**	**1**	**0**	**3.5**
ARX1204	**77.6**	**53.3**	**111**	**38**	**0.0**	**1**	**0**	**5.8**
DIXIE KELSEY	**77.5**	**57.5**	**104**	**36**	**0.0**	**0**	**3**	**6.2**
GA031086-10E26	77.5	57.4	95	36	1.5	2	0	4.2
TERRAL LA821	**77.1**	**57.8**	**85**	**38**	**0.6**	**6**	**0**	**3.9**
LA03200E-23	77.0	58.7	87	37	0.3	1	1	3.6
JAMESTOWN	**76.9**	**58.2**	**86**	**35**	**0.0**	**0**	**1**	**3.3**
USG 3833	**76.8**	**53.1**	**111**	**39**	**0.0**	**1**	**0**	**5.7**
AGS 2035	**76.2**	**58.3**	**85**	**40**	**0.0**	**8**	**0**	**4.3**
AGS 2026	**75.8**	**57.0**	**92**	**37**	**0.8**	**1**	**1**	**4.3**
SYNGENTA COKER 9553	**75.4**	**59.1**	**95**	**39**	**0.3**	**0**	**5**	**4.2**
USG 3120	**75.0**	**57.8**	**83**	**40**	**0.4**	**7**	**0**	**4.2**
PIONEER 26R53	**74.7**	**57.3**	**105**	**34**	**0.3**	**0**	**2**	**5.6**
B06*0686	73.7	57.8	86	34	0.3	2	0	4.8
PROGENY 125	**73.6**	**56.2**	**91**	**37**	**0.1**	**0**	**7**	**4.8**
DYNA-GRO 9171	**73.6**	**54.6**	**107**	**37**	**0.0**	**0**	**3**	**5.9**
DELTA GROW 5000	**73.2**	**56.3**	**92**	**36**	**0.1**	**0**	**4**	**5.1**
DYNA-GRO OGLETHORPE	**73.2**	**56.6**	**91**	**36**	**0.5**	**2**	**1**	**3.9**
PROGENY 870	**72.8**	**54.3**	**106**	**36**	**0.0**	**0**	**3**	**5.9**
DIXIE MCALISTER	**72.6**	**54.4**	**106**	**36**	**0.0**	**1**	**2**	**5.8**
SYNGENTA MAGNOLIA	**72.3**	**56.8**	**87**	**40**	**0.0**	**0**	**15**	**4.8**
TERRAL TV8525	**72.2**	**56.1**	**103**	**37**	**0.6**	**1**	**9**	**5.7**
TERRAL TV8535	**71.3**	**54.4**	**106**	**36**	**0.0**	**0**	**3**	**5.7**
PIONEER 26R20	**71.2**	**57.2**	**107**	**39**	**0.8**	**3**	**2**	**5.9**
PIONEER 26R22	**68.8**	**58.2**	**107**	**38**	**0.3**	**8**	**4**	**5.5**
PROGENY PGX 12-12	67.9	57.9	98	39	0.8	14	7	5.9
PROGENY PGX 12-3	67.7	54.0	108	37	0.0	1	2	5.8
SYNGENTA ARCADIA	**67.4**	**57.7**	**86**	**38**	**0.3**	**40**	**0**	**5.3**
VA09W-75	66.9	56.3	84	37	0.1	3	0	3.9
PROGENY 308	**66.1**	**56.5**	**102**	**37**	**0.6**	**1**	**10**	**5.4**
SYNGENTA HARRISON	**65.6**	**53.8**	**105**	**37**	**0.3**	**1**	**9**	**5.8**
TERRAL TV8861	**65.0**	**55.5**	**106**	**36**	**0.8**	**1**	**14**	**6.0**
TERRAL TV8848	**63.9**	**54.8**	**106**	**38**	**0.6**	**0**	**19**	**6.0**
DELTA GROW 7500	**63.1**	**54.5**	**107**	**37**	**0.7**	**0**	**8**	**6.0**
DIXIE DXEX13-3	62.9	54.1	111	39	0.0	2	3	6.2
RICOCHET	**62.8**	**53.9**	**107**	**35**	**0.7**	**1**	**3**	**6.3**

Table 13. Wheat performance trial across six Louisiana locations for 2013.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Heading Day of yr	Plant Ht in	Lodging Score 0-9	Stripe Rust %	Leaf Rust %	Pheno type 0-9
ARX1107	**60.9**	**55.4**	**105**	**37**	**0.5**	**1**	**20**	**6.1**
DIXIE XTREME	**60.8**	**54.0**	**104**	**39**	**0.6**	**0**	**19**	**5.8**
PIONEER XW11G	**60.6**	**51.6**	**114**	**35**	**1.4**	**12**	**4**	**6.4**
DELTA GROW 7000	**60.4**	**51.2**	**116**	**36**	**0.0**	**11**	**3**	**6.6**
PROGENY 117	**60.1**	**56.0**	**90**	**39**	**1.2**	**42**	**4**	**5.8**
DELTA GROW 7200	**57.4**	**54.2**	**105**	**37**	**0.8**	**6**	**26**	**6.1**
PIONEER 26R10	**57.2**	**54.0**	**106**	**36**	**0.9**	**1**	**15**	**6.0**
DELTA GROW 9700	**56.7**	**54.0**	**104**	**40**	**0.7**	**1**	**22**	**5.7**
PROGENY PGX 12-10	56.1	53.5	104	37	0.8	1	28	6.2
Mean	**72.1**	**55.3**	**97.6**	**37.3**	**0.4**	**3.7**	**5.0**	**5.0**
CV%	**11**	**2**	**2**	**4**	**276**	**104**	**132**	**11**
LSD (0.10)	**12.4**	**2.1**	**2.4**	**1.4**	**NS**	**6.6**	**8.2**	**0.9**

Data from Baton Rouge (Central Stations), Bossier City (Red River RS), Crowley (Rice RS), and Jeanerette (Iberia RS), St. Joseph (Northeast RS), and Winnsboro (Macon ridge RS), LA.

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

NS indicates non-significant differences among varieties

Table 14. Wheat performance trial across Louisiana for two years, 2012 and 2013.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Heading Day of yr	Plant Ht in	Lodging Score 0-9	Stripe Rust %	Leaf Rust %	Pheno type 0-9
AGS 2038	**79.9**	**58.3**	**89**	**42**	**0.5**	**1**	**0**	**3.7**
PIONEER 26R41	**77.8**	**57.0**	**100**	**36**	**0.5**	**0**	**3**	**5.0**
AGS 2060	**77.5**	**58.6**	**82**	**39**	**0.9**	**2**	**0**	**4.0**
TERRAL LA754	**75.8**	**57.3**	**86**	**38**	**0.6**	**5**	**0**	**3.9**
USG 3201	**75.3**	**57.6**	**102**	**36**	**0.5**	**1**	**7**	**5.5**
DYNA-GRO BALDWIN	**74.5**	**58.7**	**93**	**42**	**0.3**	**10**	**0**	**4.2**
DIXIE KELSEY	**74.2**	**57.5**	**101**	**36**	**0.3**	**0**	**7**	**5.9**
JAMESTOWN	**73.9**	**58.6**	**85**	**35**	**0.3**	**0**	**1**	**3.5**
USG 3120	**73.6**	**58.1**	**81**	**40**	**0.7**	**7**	**0**	**4.0**
TERRAL LA841	**73.3**	**56.1**	**87**	**37**	**1.4**	**1**	**0**	**3.6**
AGS 2035	**72.8**	**58.1**	**84**	**40**	**0.4**	**8**	**0**	**4.2**
PIONEER 26R53	**72.7**	**57.4**	**102**	**34**	**0.3**	**0**	**2**	**5.2**
PROGENY 870	**71.5**	**54.4**	**104**	**36**	**0.1**	**0**	**4**	**5.6**
DYNA-GRO 9171	**71.1**	**54.7**	**104**	**37**	**0.3**	**0**	**4**	**5.6**
AGS 2040	**71.1**	**58.0**	**82**	**36**	**0.6**	**4**	**0**	**3.8**
TERRAL LA821	**70.8**	**57.7**	**83**	**38**	**1.1**	**6**	**0**	**4.0**
PROGENY 125	**70.8**	**55.6**	**88**	**37**	**0.7**	**0**	**9**	**4.6**
SYNGENTA COKER 9553	**70.1**	**58.9**	**92**	**39**	**0.7**	**0**	**4**	**4.1**
DELTA GROW 5000	**69.8**	**56.1**	**90**	**36**	**0.5**	**0**	**5**	**5.0**
AGS 2026	**69.8**	**56.8**	**90**	**37**	**1.8**	**1**	**1**	**4.1**
DIXIE MCALISTER	**69.5**	**54.5**	**103**	**36**	**0.0**	**1**	**4**	**5.5**
TERRAL TV8535	**69.1**	**54.6**	**104**	**36**	**0.2**	**0**	**3**	**5.5**
DYNA-GRO OGLETHORPE	**68.4**	**56.0**	**89**	**36**	**1.3**	**2**	**1**	**3.8**
TERRAL TV8525	**68.0**	**56.1**	**100**	**37**	**0.9**	**1**	**16**	**5.4**
SYNGENTA ARCADIA	**66.6**	**57.7**	**84**	**38**	**0.5**	**40**	**0**	**5.0**
SYNGENTA MAGNOLIA	**66.4**	**56.5**	**86**	**39**	**0.5**	**0**	**21**	**4.9**
PROGENY 308	**65.9**	**56.7**	**99**	**37**	**0.6**	**1**	**10**	**5.2**
SYNGENTA HARRISON	**64.8**	**53.7**	**102**	**37**	**0.3**	**1**	**13**	**5.4**
TERRAL TV8861	**63.4**	**55.4**	**103**	**37**	**1.3**	**1**	**14**	**5.6**
TERRAL TV8848	**63.2**	**54.6**	**103**	**38**	**0.9**	**0**	**18**	**5.6**
DELTA GROW 7500	**63.0**	**54.7**	**104**	**37**	**0.4**	**0**	**8**	**5.7**
PROGENY 117	**60.0**	**56.1**	**88**	**39**	**1.7**	**42**	**8**	**5.4**
ARX1107	59.1	54.8	102	37	0.9	1	33	5.8
RICOCHET	**58.7**	**53.7**	**104**	**35**	**0.6**	**1**	**3**	**5.9**
PIONEER 26R10	**57.9**	**53.8**	**103**	**36**	**0.8**	**1**	**16**	**5.5**
Mean	**69.4**	**56.4**	**94.3**	**37.3**	**0.6**	**3.8**	**6.1**	**4.8**
CV%	**12**	**2**	**2**	**4**	**181**	**104**	**151**	**11**
LSD (0.10)	**9.4**	**1.0**	**1.0**	**1.3**	**0.7**	**7.3**	**8.6**	**0.7**

Data from 2013: Baton Rouge (Central Stations), Bossier City (Red River RS), Crowley (Rice RS), and Jeanerette (Iberia RS), St. Joseph (Northeast RS), and Winnsboro (Macon Ridge RS), LA. And 2012: MRRS and NERS.

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

NS indicates non-significant differences among varieties

Table 15. Wheat performance trial across Louisiana for three years, 2011, 2012 and 2013.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Heading Day of yr	Plant Ht in	Lodging Score 0-9	Stripe Rust %	Leaf Rust %	Pheno type 0-9
AGS 2038	**79.3**	**58.8**	**88**	**40**	**0.5**	**1**	**0**	**3.5**
TERRAL LA754	**78.5**	**57.5**	**84**	**36**	**0.5**	**5**	**0**	**3.9**
USG 3120	**76.6**	**58.6**	**81**	**38**	**0.6**	**7**	**0**	**3.8**
AGS 2035	**76.1**	**58.5**	**82**	**38**	**0.4**	**8**	**0**	**3.8**
JAMESTOWN	**75.9**	**59.1**	**83**	**34**	**0.3**	**0**	**0**	**3.3**
AGS 2060	**75.9**	**59.4**	**83**	**38**	**0.8**	**2**	**0**	**3.7**
DYNA-GRO BALDWIN	**75.0**	**58.8**	**91**	**40**	**0.3**	**10**	**0**	**3.9**
TERRAL LA841	**74.1**	**56.5**	**85**	**35**	**1.2**	**1**	**0**	**3.6**
DIXIE KELSEY	**72.6**	**58.2**	**97**	**34**	**0.3**	**0**	**5**	**5.4**
USG 3201	**72.6**	**58.1**	**97**	**34**	**0.5**	**1**	**5**	**5.0**
TERRAL LA821	**72.3**	**58.1**	**82**	**37**	**1.0**	**6**	**0**	**3.9**
DYNA-GRO OGLETHORPE	**72.0**	**56.6**	**86**	**34**	**1.2**	**2**	**0**	**3.9**
PROGENY 870	**71.9**	**55.3**	**98**	**34**	**0.1**	**0**	**2**	**4.8**
SYNGENTA COKER 9553	**71.4**	**58.9**	**89**	**37**	**0.6**	**0**	**3**	**3.7**
DIXIE MCALISTER	**71.0**	**55.4**	**98**	**35**	**0.1**	**1**	**2**	**4.8**
AGS 2026	**70.2**	**57.3**	**86**	**35**	**1.6**	**1**	**1**	**4.0**
PROGENY 125	**69.9**	**55.9**	**86**	**35**	**0.6**	**0**	**13**	**4.5**
TERRAL TV8525	**69.6**	**56.8**	**95**	**35**	**0.7**	**1**	**10**	**4.8**
TERRAL TV8535	**69.4**	**55.4**	**98**	**35**	**0.2**	**0**	**2**	**4.9**
SYNGENTA MAGNOLIA	**69.2**	**56.8**	**85**	**38**	**0.5**	**0**	**14**	**4.4**
DELTA GROW 5000	**69.0**	**56.2**	**87**	**35**	**0.5**	**0**	**11**	**4.9**
SYNGENTA ARCADIA	**68.8**	**57.7**	**83**	**36**	**0.4**	**40**	**0**	**4.9**
TERRAL TV8861	**68.4**	**56.2**	**99**	**35**	**1.0**	**1**	**9**	**5.0**
DELTA GROW 7500	**67.9**	**55.3**	**98**	**35**	**0.4**	**0**	**5**	**5.0**
TERRAL TV8848	**66.8**	**55.9**	**98**	**36**	**0.7**	**0**	**11**	**5.1**
PIONEER 26R10	**64.3**	**55.5**	**98**	**35**	**0.7**	**1**	**10**	**4.8**
PROGENY 117	**64.1**	**56.3**	**86**	**38**	**1.4**	**42**	**12**	**5.4**
Mean	**71.6**	**57.2**	**89.6**	**35.9**	**0.6**	**4.7**	**4.3**	**4.4**
CV%	**10**	**3**	**1**	**4**	**166**	**95**	**169**	**13**
LSD (0.10)	**5.8**	**0.8**	**1.8**	**0.9**	**0.6**	**8.1**	**5.8**	**0.5**

Data from 2013: Baton Rouge (Central Stations), Bossier City (Red River RS), Crowley (Rice RS), and Jeanerette (Iberia RS), St. Joseph (Northeast RS), and Winnsboro (Macon Ridge RS); 2012: MRRS and NERS; DLRS, CS, RRS, IRS, MRRS, and NERS.

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

NS indicates non-significant differences among varieties

Table 16. Oat variety trial across Louisiana for 2013.

Brand / Variety	Grain Yield	Test Wt	Head Day	Plant Ht	Lodging Score	Wint Stress	Downy Mildew	Barley YD Virus	Crown Rust	Stem Rust	Pheno type
LOC-->	bu/a	lbs/bu	of yr	in	0-9	0-9 BR	0-9 WN	0-9 WN	% BR	0-9 BR	0-9
FL0529-N1	113.3	32.3	99	45	3.2	5.3	0.3	1.0	0	0.0	2.5
LA9339	**100.2**	**33.0**	**104**	**47**	**3.0**	**3.7**	**1.2**	**0.7**	**0**	**2.5**	**2.2**
TX05CS556	94.1	32.4	91	38	6.5	3.0	0.7	0.3	0	0.0	2.9
LA99017	**92.8**	**30.5**	**103**	**50**	**1.5**	**4.3**	**0.3**	**0.7**	**0**	**1.5**	**3.3**
LA05011GSBS-30	88.4	30.6	104	41	5.7	4.3	0.0	0.3	0	1.5	2.4
LA99016	**88.0**	**31.2**	**101**	**49**	**3.5**	**5.0**	**0.5**	**0.0**	**0**	**2.5**	**2.4**
LA06063SBSBSB-13	86.7	32.6	93	42	1.8	5.3	0.2	0.0	0	1.0	2.7
LA05006	**82.7**	**31.1**	**104**	**44**	**2.2**	**5.0**	**1.2**	**1.3**	**0**	**4.0**	**2.3**
HORIZON 201	**81.6**	**31.2**	**100**	**48**	**2.7**	**4.7**	**1.7**	**0.7**	**0**	**4.0**	**3.0**
TX05CS542	81.5	30.5	95	39	3.2	3.0	2.2	1.3	0	1.0	3.3
NORA	**80.3**	**30.4**	**100**	**45**	**7.5**	**4.0**	**2.3**	**1.0**	**13**	**3.5**	**3.0**
LA06046SS-N2-Ab2	80.1	30.0	95	39	4.2	5.3	0.8	0.0	0	0.0	2.9
TAMO 606	**78.9**	**32.5**	**105**	**40**	**4.0**	**4.0**	**0.7**	**0.7**	**2**	**1.5**	**3.3**
LA06059SBSBSB-46	78.8	30.3	97	34	3.2	4.3	0.5	0.7	0	0.0	3.1
LA05011GSBSBSB-11	78.6	31.9	98	41	7.3	3.3	1.3	0.0	0	2.5	3.1
LA07068SBSB-75	75.5	33.2	94	42	2.7	6.3	0.2	0.7	0	2.5	2.9
FL03254-L1	74.0	32.1	95	43	5.0	6.3	0.2	0.0	0	0.5	2.4
TX07CS1948	73.1	31.1	100	38	4.5	5.0	3.2	2.0	0	1.0	3.3
FL0709-R3	70.9	30.8	90	44	1.7	3.7	0.5	1.7	0	4.5	3.3
TX09CS1112	69.5	29.1	103	32	0.7	6.3	6.2	0.3	0	2.0	5.4
LA07007SBSB-68	69.1	30.6	97	42	8.5	5.7	2.2	1.7	0	0.0	4.3
TAMO 411	**68.7**	**31.9**	**102**	**40**	**3.5**	**4.3**	**2.7**	**1.0**	**0**	**1.0**	**2.9**
FL02011 NUDA	**68.5**	**39.0**	**99**	**38**	**2.2**	**6.3**	**3.0**	**2.7**	**0**	**4.0**	**2.9**
TAMO 406	**68.0**	**31.5**	**100**	**41**	**6.3**	**6.0**	**3.3**	**1.7**	**3**	**1.0**	**3.3**
NF95418	62.6	31.9	99	50	4.7	4.0	2.2	1.7	28	1.5	2.9
NF27	46.6	30.5	101	53	6.0	3.7	4.8	1.3	10	4.5	3.8
BROOKS	**44.2**	**28.1**	**101**	**41**	**5.5**	**4.0**	**6.0**	**2.7**	**45**	**0.0**	**3.9**
LA04004SBSB-7-B-S1	43.3	31.0	99	37	0.2	6.0	7.7	0.0	0	2.5	4.4
Mean	**75.6**	**31.4**	**99.0**	**42.2**	**3.9**	**4.7**	**2.0**	**0.9**	**3.4**	**1.9**	**3.1**
CV%	**19**	**5**	**5**	**7**	**40**	**14**	**66**	**87**	**187**	**46**	**24**
LSD (0.10)	**NS**	**2.2**	**3.5**	**3.5**	**2.7**	**1.1**	**2.2**	**1.3**	**13.1**	**1.9**	**1.2**

Data from Baton Rouge, Bossier City, and Winnsboro for 2013.

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 17. Oat variety trial across Louisiana for two and three years, 2011, 2012 and 2013.

			two-year data									
	Grain Yield		Test	Head	Plant	Lodging	Wint	Leaf	Barley YD	Crown	Stem	Pheno
	2-yr	3-yr	Wt	Day	Ht	Score	Stress	iness	Virus	Rust	Rust	type
Brand / Variety	**bu/a**		**lbs/bu**	**of yr**	**in**	**0-9**	**0-9**	**0-9**	**0-9**	**%**	**0-9**	**0-9**
LOC-->								BR12	WN13		BR13	
LA99017	**90.3**	**86.9**	**32.0**	**99**	**50**	**2.6**	**4.0**	**3.0**	**0.7**	**1**	**1.5**	**3.7**
LA05011GSBS-30	88.8		31.0	100	41	5.0	3.8	2.5	0.3	1	1.5	3.1
LA99016	**87.5**	**89.4**	**32.6**	**98**	**49**	**3.3**	**4.2**	**2.0**	**0.0**	**0**	**2.5**	**3.0**
HORIZON 201	**83.2**	**88.3**	**31.5**	**96**	**48**	**4.3**	**4.4**	**4.0**	**0.7**	**0**	**4.0**	**3.6**
TX05CS542	81.2		30.4	88	39	3.9	3.0	2.5	1.3	2	1.0	3.7
LA9339	**80.4**	**77.0**	**31.0**	**100**	**47**	**2.2**	**3.4**	**3.0**	**0.7**	**23**	**2.5**	**3.4**
LA06059SBSBSB-46	**74.6**		**31.4**	**91**	**34**	**3.8**	**4.0**	**2.0**	**0.7**	**0**	**0.0**	**3.6**
TX09CS1112	73.2		28.4	97	32	0.9	5.0	3.5	0.3	6	2.0	5.2
TAMO 411	**73.0**	**75.2**	**31.5**	**97**	**40**	**2.8**	**4.0**	**2.5**	**1.0**	**4**	**1.0**	**3.3**
TAMO 406	**70.1**	**75.2**	**32.0**	**96**	**41**	**6.6**	**4.8**	**3.0**	**1.7**	**7**	**1.0**	**3.6**
LA04004SBSB-7-B-S1	53.6	61.0	32.5	94	37	2.9	5.2	4.5	0.0	1	2.5	4.2
BROOKS	**36.9**	**47.8**	**27.6**	**98**	**41**	**6.7**	**3.8**	**4.5**	**2.7**	**77**	**0.0**	**5.4**
Mean	**74.3**	**75.0**	**31.1**	**96.0**	**41.7**	**3.7**	**4.1**	**3.3**	**0.8**	**10.3**	**1.9**	**3.8**
CV%	**16**	**15**	**5**	**2**	**9**	**40**	**14**	**30**	**87**	**49**	**46**	**17**
LSD (0.10)	**23.2**	**21.6**	**2.3**	**2.0**	**4.7**	**2.1**	**NS**	**2.1**	**1.3**	**15.7**	**1.9**	**1.0**

Data from Baton Rouge, Bossier City, and Winnsboro for 2013; and BR and WN for 2012.

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 18. Oat variety trial at Baton Rouge, LA in 2013.

Brand / variety	Grain Yield	Test Weight	Seed Qual	Winter Stress	Head Day	Crown Rust	Stem Rust	Pheno type
	bu/a	lbs/bu	0-9	0-9	of yr	%	0-9	0-9
FL0529-N1	83.9	31.2	4.7	5.3	99	0	0.0	3.8
LA06059SBSBSB-46	74.8	28.9	4.7	4.3	96	0	0.0	4.8
TX05CS556	74.3	29.6	6.0	3.0	91	0	0.0	4.0
LA05011GSBSBSB-11	72.0	31.0	6.0	3.3	97	0	2.5	3.8
TAMO 406	**70.2**	**31.3**	**4.7**	**6.0**	**101**	**3**	**1.0**	**3.8**
Horizon 201	**69.8**	**30.3**	**5.7**	**4.7**	**98**	**0**	**4.0**	**4.3**
LA9339	**69.6**	**32.9**	**7.0**	**3.7**	**104**	**0**	**2.5**	**3.3**
TX05CS542	66.5	30.0	5.3	3.0	93	0	1.0	3.5
TAMO 411	**66.1**	**31.5**	**5.0**	**4.3**	**102**	**0**	**1.0**	**3.5**
LA07007SBSB-68	65.3	30.4	6.0	5.7	98	0	0.0	4.8
LA05006	**64.7**	**30.1**	**5.3**	**5.0**	**106**	**0**	**4.0**	**4.0**
FL03254-L1	62.7	32.7	4.0	6.3	96	0	0.5	4.5
LA99016	**62.6**	**30.6**	**4.3**	**5.0**	**103**	**0**	**2.5**	**4.3**
TAMO 606	**62.4**	**31.0**	**4.3**	**4.0**	**107**	**2**	**1.5**	**5.0**
LA99017	**61.1**	**31.0**	**4.7**	**4.3**	**102**	**0**	**1.5**	**4.3**
LA04004SBSB-7-B-S1	59.9	33.7	5.3	6.0	99	0	2.5	5.0
LA05011GSBS-30	59.9	30.1	4.3	4.3	103	0	1.5	4.5
TX07CS1948	59.0	31.1	5.0	5.0	101	0	1.0	5.0
LA06046SS-N2-Ab2	58.1	30.7	4.3	5.3	95	0	0.0	4.8
FL02011 NUDA	**58.0**	**38.0**	**4.0**	**6.3**	**100**	**0**	**4.0**	**3.8**
TX09CS1112	58.0	25.6	6.3	6.3	104	0	2.0	6.0
LA06063SBSBSB-13	58.0	31.8	4.3	5.3	97	0	1.0	3.8
NF95418	55.5	32.0	6.3	4.0	99	28	1.5	4.3
FL0709-R3	51.6	32.3	3.3	3.7	93	0	4.5	3.5
NORA	**50.5**	**29.4**	**5.3**	**4.0**	**101**	**13**	**3.5**	**4.0**
LA07068SBSB-75	49.9	32.9	6.0	6.3	93	0	2.5	4.5
BROOKS	**42.5**	**27.7**	**4.7**	**4.0**	**101**	**45**	**0.0**	**4.8**
NF27	**41.3**	**29.5**	**4.7**	**3.7**	**103**	**10**	**4.5**	**4.5**
Mean	**60.1**	**30.9**	**5.1**	**4.7**	**99.4**	**3.4**	**1.9**	**4.3**
CV	**18**	**4**	**17**	**14**	**2**	**187**	**46**	**13**
LSD	**17.7**	**2.1**	**1.4**	**1.1**	**2.8**	**13.1**	**1.9**	**1.1**

Data from Ben Hur Research Farm, Central Stations, Baton Rouge, LA. Steve Harrison, Kelly Arceneaux, Katie McCarthy.

Cultural and Site: Planted: 11-16-2012. Harvested 6-4-2013. Tpdressed with 50-0-0 on 2-4-2013 and 35-0-0 on 2-21-2013. Amber herbicde at 0.40 oz/acre. Very wet winter (30+" rain from Dec through Feb resulted in poor tillering and low yields. Late disease development that did not impact yield.

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

Lodging: 0 = none, 9 = severe

Table 19. Oat variety trial at Bossier City, LA in 2013.

Brand / variety	Grain Yield	Test Weight	Head Day	Lod Score	Pheno type
	bu/a	lbs/bu	of yr	0-9	0-9
LA9339	**105.8**	**31.5**	**104**	**1.7**	**0.0**
TX09CS1112	105.1	31.8	100	1.3	3.7
LA99017	**101.0**	**28.9**	**105**	**0.7**	**1.3**
NORA	**100.7**	**29.9**	**100**	**7.0**	**1.0**
TX05CS542	99.6	30.3	94	0.7	1.3
FL0529-N1	96.9	31.1	100	2.3	1.3
Horizon 201	**94.0**	**30.4**	**100**	**1.0**	**0.0**
TAMO 411	**91.5**	**31.3**	**101**	**0.7**	**0.3**
TX05CS556	88.8	35.3	97	4.7	1.3
FL02011 NUDA	**82.6**	**37.4**	**99**	**3.3**	**0.7**
NF95418	81.6	29.5	100	1.3	0.3
TAMO 406	**81.1**	**29.5**	**99**	**5.3**	**1.7**
LA05011GSBS-30	79.9	29.1	106	4.0	0.3
LA99016	**76.4**	**28.2**	**101**	**1.0**	**0.3**
LA05006	**76.0**	**29.3**	**105**	**1.7**	**0.0**
LA05011GSBSBSB-11	71.1	30.5	98	6.0	1.3
TX07CS1948	69.8	28.5	99	3.7	0.7
LA07068SBSB-75	67.5	32.0	96	1.0	1.3
LA04004SBSB-7-B-S1	67.2	28.2	99	0.3	0.7
LA06059SBSBSB-46	62.6	28.9	97	2.0	1.3
NF27	**62.4**	**27.6**	**100**	**4.0**	**1.0**
BROOKS	**61.5**	**27.9**	**103**	**5.0**	**1.0**
LA06063SBSBSB-13	58.4	29.9	95	1.3	2.0
LA06046SS-N2-Ab2	58.1	27.9	96	5.3	1.3
LA07007SBSB-68	57.5	27.4	97	8.3	3.7
TAMO 606	**57.1**	**32.8**	**106**	**2.7**	**1.0**
FL0709-R3	52.8	27.5	95	0.0	3.0
FL03254-L1	48.2	30.1	98	2.7	1.0
Mean	**77.5**	**30.1**	**99.9**	**2.8**	**1.2**
CV	**16**	**6**	**1**	**46**	**69**
LSD	**20.7**	**3.1**	**1.5**	**2.1**	**1.3**

Data from Red River Research Station, Bossier City, LA. Blair Buckley, Bill Waltman, and Amy Cooper.

Cultural and Site: Planted: 11-19-2012. Harvested 6-14-2013. Topdressed with 77-0-0 on 2-5-2013. Harmony Extra at 0.7 oz/acre on 12-7-2012.

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

Lodging: 0 = none, 9 = severe

Table 20. Oat variety trial at Winnsboro, LA in 2013.

Brand / variety	Grain Yield bu/a	Test Weight lbs/bu	Head Day of yr	Plant Ht in	Lodging Score 0-9	Barley YD Virus 0-9	Downy Mildew 0-9	Pheno type 0-9
FL0529-N1	159.1	35.7	96	48	4.0	1.0	0.3	2.8
LA06063SBSBSB-13	143.8	36.2	86	45	2.3	0.0	0.2	2.7
LA05011GSBS-30	125.4	33.8	101	45	7.3	0.3	0.0	3.0
LA9339	**125.3**	**35.3**	**103**	**50**	**4.3**	**0.7**	**1.2**	**3.7**
LA99016	**124.9**	**34.7**	**100**	**54**	**6.0**	**0.0**	**0.5**	**3.3**
LA06046SS-N2-Ab2	124.0	32.1	91	38	3.0	0.0	0.8	3.2
TX05CS556	119.0	32.2	82	37	8.3	0.3	0.7	3.7
TAMO 606	**117.2**	**33.7**	**100**	**44**	**5.3**	**0.7**	**0.7**	**4.5**
LA99017	**116.1**	**33.6**	**101**	**55**	**2.3**	**0.7**	**0.3**	**4.5**
FL03254-L1	111.0	36.1	91	47	7.3	0.0	0.2	2.5
LA07068SBSB-75	109.2	34.7	93	46	4.3	0.7	0.2	3.3
FL0709-R3	108.4	33.7	80	48	3.3	1.7	0.5	3.5
LA05006	**107.4**	**35.5**	**101**	**47**	**2.7**	**1.3**	**1.2**	**3.5**
LA06059SBSBSB-46	99.1	33.0	99	35	4.3	0.7	0.5	3.7
LA05011GSBSBSB-11	92.8	34.1	98	43	8.7	0.0	1.3	4.3
TX07CS1948	90.4	34.9	99	39	5.3	2.0	3.2	4.8
NORA	**89.9**	**32.6**	**99**	**45**	**8.0**	**1.0**	**2.3**	**4.3**
LA07007SBSB-68	84.3	33.9	95	45	8.7	1.7	2.2	4.5
NORIZON 201	**81.0**	**33.0**	**101**	**47**	**4.3**	**0.7**	**1.7**	**5.2**
TX05CS542	78.5	31.2	99	38	5.7	1.3	2.2	5.0
FL02011 NUDA	**64.9**	**42.7**	**97**	**41**	**1.0**	**2.7**	**3.0**	**4.5**
TAMO 406	**52.7**	**33.6**	**102**	**43**	**7.3**	**1.7**	**3.3**	**4.5**
NF95418	50.8	34.3	99	52	8.0	1.7	2.2	4.7
TAMO 411	**48.6**	**33.0**	**103**	**43**	**6.3**	**1.0**	**2.7**	**5.0**
TX09CS1112	45.4	30.3	105	32	0.0	0.3	6.2	6.7
NF27	**36.1**	**34.4**	**100**	**55**	**8.0**	**1.3**	**4.8**	**6.2**
BROOKS	**28.7**	**29.0**	**98**	**44**	**6.0**	**2.7**	**6.0**	**6.3**
LA04004SBSB-7-B-S1	2.7				0.0	0.0	7.7	7.8
Mean	**89.3**	**33.9**	**97.0**	**44.2**	**5.0**	**0.9**	**2.0**	**4.3**
CV	**21**	**4**	**3**	**7**	**37**	**87**	**66**	**18**
LSD	**30.0**	**2.8**	**5.8**	**6.3**	**3.0**	**1.3**	**2.2**	**1.3**

Data from Macon Ridge Research Station, Winnsboro, LA.

Cultural and Site: Planted: 11-2-2012. Harvested 6-4-2013. Applied 0.4 oz/acre Harmony Extra on 12-12-2012. Applied 80-0-0 topdress on 2-17-2013. Wet winter resuled in severe downy mildew problems.

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

Downy Mildew: Severe downy mildew at this location due to wet soils and heavy rains in winter. The correlation between yield and Dm was r= -0.88** indicating a very strong influence of DM on yield. There were highly significant difference among entries and none of the breeding lines were treated seed.

Lodging: 0 = none, 9 = severe

Appendix A. Entries in the 2013 Louisiana Agricultural Experiment Station Small Grain Performance Trials.

Brand	Line/Variety	Originating Agency
WHEAT		
AGS	AGS 2026, 2035, 2038, 2056, 2060.	AGSouth Genetics P.O. Box 72246 Albany, GA 31721
ARMOR	ARX1107, ARX1204, ARX1206, Ricochet…….....	Armor Seed P.O. Box 9 Waldenburg, AR 72475
Delta Grow	Delta Grow 5000, 7000, 7200, 7500, 9700…….....	Delta Grow Seed 220 N W 2nd England, AR 72046
Dixie	Dixie Kelsey, McAlister, Xtreme, DXEX13-3.....	Cache River Valley Seed, LLC P.O. Box 10 Cash, AR 72421
Dyna-Gro	Baldwin, Oglethorpe, Dyna-Gro 9171.....	Dyna-Gro Crop Production Serv. 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	26R10, 26R20, 26R22, 26R41, 26R53, 26R87,…..... XW11G	Dupont Pioneer 700 Boulevard South, Suite 302 Huntsville, AL 35802
Progeny	Progeny P 117, 125, 185, 308, 357, 870, PGX 12-3,.. PGX 12-10, PGX 12-12	Progeny Ag Products 1529 Hwy. 193 South Wynne, AR 72396

Appendix A. Entries in the 2013 Louisiana Agricultural Experiment Station Small Grain Performance Trials.

Brand	Line/Variety	Originating Agency
WHEAT		
Syngenta	Arcadia, B06*0686, B08*0313, Coker 9553,...…….. Harrison, Magnolia	Syngenta Seeds, Inc. 778 CR 680 Bay, AR 72411
Terral	LA821, LA841, TV8525, TV8535, TV8848,..... TV8861	Terral Seed, Inc. P.O. Box 826 Lake Providence, LA 71254
USG	USG 3120, 3201, 3833……..…….....	UniSouth Genetics, Inc. 3205-C HWY 46 S Dickson, TN 37055
VA	Jamestown, VA09W-75..…….....	Virginia PI & State University EVAREC 2229 Menokin Road Warsaw, VA 22572

Appendix A. Entries in the 2013 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
NF	NF27, NF95418……....	Noble Foundation
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, Nora.....….....	Texas AgriLife Research TAMU - Commerce Dept. of Ag Science Commerce, TX 75429