2026 SMALL GRAIN PERFORMANCE TRIALS

LAES Research Summary No. 234 August 2026



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Performance of Small Grain Varieties in Louisiana, 2025-26

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Introduction

Small grain variety trials are conducted annually by scientists of the Louisiana State University Agricultural Center Agricultural Experiment Station to evaluate grain yield, agronomic performance and disease reaction of varieties and advanced breeding lines. The trials are conducted at seven LSU AgCenter 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 breeder or company. The inclusion of an entry in the trials does not constitute an endorsement. The north Louisiana wheat trial included eight released varieties (bold font in tables) and 32 experimental lines (normal font in tables). There were 38 entries in the south Louisiana performance trials.

New entries in the statewide trials are tested in the north Louisiana trial and in a south Louisiana vernalization trial, unless prior testing in other Baton Rouge nurseries indicates an entry is adapted to south Louisiana, in which case it is also tested in the south Louisiana variety trial. 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. The vernalization trial is a two-rep yield trial in Baton Rouge that is intended to determine if a new variety trial entry is early enough and has enough disease resistance for south Louisiana.

When choosing varieties, growers should consult their local extension agents and choose varieties based on two-year data within a region, not based on a single year or location. Fusarium head blight reaction should also weigh heavily in variety choice, as this disease is difficult to control and frequently contributes to loss of yield and economic value.

Growers should also consider specific data from the LSU AgCenter 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 helps to hedge against losing the entire crop to chance occurrences in weather or shifts in pathogen or pest races or virulence patterns. Yield, test weight, maturity and disease resistance are important traits to consider when selecting varieties. Growers planting wheat early should avoid varieties that have a very early heading date to reduce the danger of spring freeze damage. Specific management and cultural practices for each location are presented at the bottom of the tables, along with unusual or key observations about that test. All plots were seeded at the recommended rate with treated seed provided by the originating agency or company **(Appendix A)**.

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2. Extension Specialist, Northeast Research Station, St. Joseph.
3. Research Associate, Associate Professor, and Research Associate, respectively. Rice Research Station, Crowley.
4. Research Associate, respectively. Red River Research Station, Bossier City.
5. Research Associates, Professor, and Professor, respectively. Dean Lee Research Station, Alexandria.
6. Research Associate coordinator and Farm Manager, Research Associate, Professor, and Research Associate, respectively. Macon Ridge Research Station, Winnsboro.
7. Research Associate. Iberia Research Station, Jeanerette.
8. Research Associate and Instructor. Sweet Potato Research Station, Chase.
9. Research Associate. Idlewild Research Station, Clinton.

Characteristics 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 (LSDs)** are reported at the 10% probability level. An LSD of 10% probability (α=0.10) is the degree of difference in a trait (like yield) 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" in the test, even if the varieties had the same genetic yield potential. If the LSD (0.10) for yield in a trial is 7.0 bushels per acre, there is a 10% chance that two varieties with a reported yield difference of 7.0 bushels per acre are genetically equal and a 90% probability that 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 completely proportional decrease in yield.

Wheat leaf rust, stripe rust and oat crown rust are reported as percentage of the upper two leaves affected by the disease. Two replications are evaluated for leaf and stripe rust, between flowering and the early dough stage of kernel development. Wheat and oat stem rust 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 as the disease appears later in the growing season.

Bacterial streak, Septoria leaf and glume blotch 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 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.

Fusarium head blight is rated on a 0-9 scale in yield plots and in inoculated, misted nurseries. A seed sample is rated as a percentage Fusarium damaged kernels (FDK) and then submitted to the U.S. Department of Agriculture Wheat DON Lab at the University of Minnesota to determine deoxynivalenol toxin (DON) concentration. The same procedure is followed for the misted nurseries except that samples are hand harvested and processed to avoid blowing out small, scabby seeds.

A Fusarium index is calculated as 2 x [(field rating divided by the mean rating of all entries) + (2 x FDK % divided by the mean FDK rating of all entries) + (3 x DON divided by the mean of all entries)]. FHB reaction type is based on this FHB index.

Traits and Rating Scales for LAES Wheat and Oat Performance Trials.

Trait	Abbrev.	Description
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.
Yield	BUPA	Grain yield in bushels per acre adjusted to 13% moisture.
Fusarium DON toxin	DON	DON in ppm is determined at the USDA mycotoxin lab in Minneapolis. NIV is a similar compound to DON and is more common in south Louisiana.
Fusarium damaged kernels	FDK	FDK is measured as the percent of grains shriveled and discolored by FHB.
Fusarium head blight	FHB	FHB is rated in the field on a scale of 0-9, where 0 indicates no disease and 9 indicates severe disease on the head.
Fusarium index	FHBI	Is a numerical rating of Fusarium resistance calculated by converting FHB, FDK, and DON to a proportion of the test mean and then giving 2x weight to FDK and 3x weight to DON. FHB Index = 2 x [(FHB field rating divided by the test mean rating) + (2 x FDK % divided by the test mean) + (3 x DON ppm divided by the mean)]. With this scale 10 is exactly average FHB, FDK and DON, 5 is 50% of average and 30 is 300% of average FHBI.
Growth habit	GH	Normally taken on oat trials where a lower number indicates earlier and more upright growth habit and a high number indicates a prostrate growth habit during early or mid-winter. Higher numbers may be indicative of winter hardiness.
Heading day	HD	Day of calendar year (days after Dec. 31) at 50% heading.
Plant height	HT	Plant height in inches to top of head.
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	LRFUST	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.
Fusarium NIV toxin	NIV	NIV in ppm is determined at the USDA mycotoxin lab in Minneapolis and is similar to DON.
Phenotype	PHE	Phenotypic rating, an overall visual rating prior to harvest. 0=poor, 9=excellent. This rating is a visual rating of “eye-appeal.”
Relative maturity	RELMAT	Relative heading date on a 0-9 scale where a lower number is earlier, taken after flag leaf stage and before maturity. Normally taken for trials that are not rated every week due to distance.
Seed quality	SDQ	Visual quality rating on a 0=poor to 9=excellent scale based on plumpness, uniformity and color.
Septoria	SEPT	Septoria leaf and 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.
Stripe rust	STRUST	Percent of upper two leaves affected by stripe rust, rated between flag leaf and mid grain fill.
Test weight	TWT	Volume weight of grain in pounds per bushel.
Vernalization	VERN	An indication of the degree of heading when not all varieties head properly. Rated on a 0-9 where a higher number indicates more normal heading and a lower number indicates heads emerged unevenly of not at all.

Growing Conditions and General Comments for 2025-2026

The 2025-2026 growing season started out well, with good stands established at most locations. In north Louisiana, January was normal with adequate rain and no hard freezes. February was warm and dry. Early March was wet, followed by little rainfall the second half of March and moderate temperatures except for a hard freeze on March 17 that caused significant damage to early-heading varieties. The hard freeze followed a week of unusually warm weather. Mid-April was dry with significant rainfall early and late in the month. May was dry for the first half of the month and then quite wet.

In south Louisiana, January was wet with a few hard freezes late in the month, and February was very dry with no significant freezes. March started out very wet but there was little rainfall after the middle of March and temperatures were moderate with no freezes. April through March 7 was normal, followed by heavy rainfall for the rest of the month.

Performance of Wheat Varieties Across South Louisiana

South Region Means

Jeanerette and Crowley produced good yield data in 2026. Baton Rouge was not harvested due to marginal stands and uneven vernalization that made combine harvest of questionable value given the heavy rainfall delays and the importance of getting the trials at Winnsboro out.

Across south Louisiana, the experimental line GA18117-58NCDH-23E37F had the highest yield of 38 entries. Yields ranged from 66.2 bushels per acre to 15.1 bushels per acre with a mean of 44.7 bushels per acre. Two additional experimental lines, FL180013-075 and LA17006-LDH042 also had yields above 62.0 bushels per acre. Test weights ranged from 59.7 to 51.8 pounds per bushel with a mean of 55.4 pounds per bushel. Leaf rust ratings pressure was high with six lines having over 20% severity. Leaf rust ranged from 0% to 56%. The top six yielding entries all had had heading dates earlier than the mean of 78.8.

Hessian fly (HF) infestation in the Baton Rouge nursery (yield data not reported) was heavy and lines with high HF ratings yielded poorly across south Louisiana (Crowley and Jeanerette data), which may imply that HF also occurred in those trials but was not noticed. Three lines had a HF rating of 7.5 (0-9 scale) at Baton Rouge had yields of less than 33 bushels per acre averaged across the other two locations.

Two years

Out of 10 entries, the experimental line GA18117-58NCDH-23E37F (65.1 bushels per acre) followed by AGS 4043 (62.6 bushels per acre) had the highest two-year mean yields across south Louisiana (Table 2). Three additional experimental lines, LA17006-LDH042, FL180013-075 and LA15093SB-30-3-3, as well as the variety AGS 3022, all had yields above 58.0 bushels per acre compared to the mean of 56.4 bushels per acre. Test weight ranged from 58.1 to 54.0 pounds per bushel with a mean of 56.0 pounds per bushel. With the exception of AGS 4043, the top six yielding entries all had heading dates earlier than the mean (81.5), low levels of leaf rust and above average test weight.

Three years

Three entries have been tested in south Louisiana for each of the past three years. LA17006-LDH042 (68.0 bushels per acre) had the highest yield and test weight. Test weight ranged from 55.3 to 57.8 pounds per bushel with a mean 56.3 pounds per bushel (Table 3). AGS 3022 (66.7 bushels per acre) had the second highest yield with a test weight of 55.7 pounds per bushel but also the worst leaf rust rating. The latest-heading entry yielded significantly less than the other entries.

Baton Rouge

Vernalization issues compounded with heavy rainfall after maturity that resulted in significant seed weathering and lodging led to abandonment of this trial. Data other than yield and test weight are included in the south Louisiana tables.

Crowley

Yields at Crowley were excellent with a range of 10.2 to 85.9 bushels per acre and a mean of 58.3 bushels per acre (Table 4). The entry GA18117-58NCDH-23E37F had the highest yield followed by the experimental lines LA17006-LDH042, FL180013-075, LA16076C-6-2-3 and LA18198C-58-3, and the variety AGS 3022, all with yields above 72.0 bushels per acre. Test weights were a little low with a range of 47.5 to 56.5 pounds per bushel and a mean of 53.0 pounds per bushel. Five entries with the lowest yield did not produce enough seed to measure test weight with the combine weigh system. The 15 highest yielding entries had heading days less than the mean of 75 while nine of the 15 lowest yielding lines had heading dates of 80 or later, which demonstrates the importance of heading date in south Louisiana. Leaf rust pressure was light, ranging from 0% to 34% with a mean of 1.4%. The three lowest yielding entries had lodging ratings of 5 or greater which probably caused the low yields.

Jeanerette

The 2026 trial at Jeanerette had lower yield than normal, ranging from 10.5 to 46.8 bushels per acre, with a mean of 30.6 bushels per acre and a CV of 24% (Table 5). The breeding line TX20D5145 had the highest yield, followed by GA18117-58NCDH-23E37F, LAVT19VDH-FHB-MAS11-10, AGS 3518 and LA16049C-27-3-3-2, all with yields of 45.5 bushels per acre or greater. Test weights were good with an average of 57.9 pounds per bushel and a range of 53.4 to 61.2 pounds per bushel.

The Jeanerette test had a wide range of heading dates from March 11 (70) to April 12 (102). Leaf rust pressure was high, ranging from 0% to 78.8% with a mean of 10%.

Performance of Wheat Varieties Across North Louisiana

North Region Means

The trial at Bossier City was lost due to poor stands. In 2026, the trial was planted at Somerset plantation in Newellton, Louisiana, as a delta site rather than at St. Joseph. Trials were conducted with and without fungicide at Alexandria and Winnsboro. The test is analyzed as two separate trials, as the fungicide and no-fungicide splits are planted in the same field, but the fungicide level is not randomized as six blocks. Fungicide application increased yield on average by 18.8 bushels per acre in north Louisiana with only one entry yielding higher without a fungicide application.

With Fungicide

The trials at Alexandria and Winnsboro produced excellent yields ranging from 21.1 to 116.0 bushels per acre with a mean of 74.8 bushels per acre (Table 6). The entry 18VTK10-23 had the highest yield, followed by followed by AGRIMAXX 564, VA20W-142, AGRIMAXX 543, 18VTK10-188 and USG 3437 (tested as LA19333-NDH31), all with yields above 108.0 bushels per acre. The 12 highest-yielding entries had yields above 100.0 bushels per acre.

Six entries had test weights greater than 57.0 pounds per bushel led by LA17006LDH042 at 57.9 pounds per bushel. The average test weight was 55.3 pounds per bushel. There was a slight impact of fungicide over non-fungicide treated reps with a mean difference of 0.9 pounds per bushel.

Without Fungicide

Freeze damage was the single most important determinant of yield across north Louisiana as early and medium-early heading entries were significantly damaged by a mid-March hard freeze. The correlation between yield and freeze damage was -0.90 and -0.94 for non-fungicide and fungicide trials.

Yield without fungicide across three north Louisiana ranged from 19.9 to 88.3 bushels per acre with a mean of 56.1 bushels per acre (Table 6). The highest-yielding entry in north Louisiana without fungicide was GA17034ID-22-3-5-23LE29. The varieties USG 3437, AGRIMAXX 492 and AGRIMAXX 564 had mean yields above 80.0 bushels per acre.

Test weight ranged from 57.6 (18VTK10-23) to 50.0 pounds per bushel with an average of 54.7 pounds per bushel. Leaf rust pressure was moderate, ranging from 0% to 55% with a mean of 9.5%. Hessian fly occurred in some varieties at the Newellton location.

Two years

Eleven entries tested in north Louisiana without fungicide for two years had a yield range from 37.5 to 75.2 bushels per acre with a mean of 57.2 bushels per acre (Table 7). USG 3437, AGRIMAXX 492 and AGS 4043 had the three highest two-year average yields. The two-year average test weight ranged from 52.6 to 56.2 pounds per bushel with a mean of 54.8 pounds per bushel. Leaf rust severity ranged from 0% to 28% with a mean of 6.5%. Data for FHB, FDK and DON are from 2025 only since FHB did not develop in 2026. There were significant differences among entries for FHB, FDK and DON in the misted nursery in 2025.

In the fungicide treated plots, AGRIMAXX 543 and USG 3437 yielded over 82.0 bushels per acre. The mean yield of 11 entries was 62.5 bushels per acre. The effect of fungicide on yield and test weight cannot be determined from Table 7 since the Newellton location did not have a fungicide split.

Three Years

AGRIMAXX 492 had the highest yield of eight entries tested in north Louisiana without fungicide for three years. Yield ranged from 47.9 to 76.2 bushels per acre and averaged 62.0 bushels per acre (Table 8). USG 3437and AGS 4043 also had yields above the mean. Test weight ranged from 54.0 to 56.3 pounds per bushel with a mean of 55.6 pounds per bushel for the non-fungicide trial. Stripe rust and leaf rust disease pressure has been moderate for the past three years with means of 3.9% and 6.5%, respectively. AGS 4030 had 26% stripe rust severity, substantially higher than other entries. FHB data are from 2024 and 2025. There were significant differences among entries for FHB, FDK and DON. Agrimaxx 543 had the highest yield with fungicide for three years (78.6 bushels per acre).

Alexandria

The Dean Lee Research Station trial was excellent with high yields greater than 100 bushels per acre for a number of entries (Table 9). The average yield in the fungicide protected split was 79.6 bushels per acre and ranged from 17.7 to 125.7 bushels per acre. AGRIMAXX 564 had the highest yield followed by 18VTK10-23, 18VTK10-188 and SC22W198, all with yields above 116.0 bushels per acre. The average test weight was 55.5 pounds per bushel and ranged from 52.8 to 57.5 pounds per bushel.

The non-fungicide plots had a mean yield of 75.1 bushels per acre, 4.5 bushels per acre less than the fungicide split, and ranged from 19.1 to 117.3 bushels per acre. AGS 3518 had the highest yield followed by AGRIMAXX 564, 18VTK9-68 and USG 3437, all with yields above 111.0 bushels per acre. Fungicide application increased test weight by an average of 1.2 pounds per bushel. Leaf rust pressure was high, with severities from 0% to 80% and a mean of 17.5%. There was minimal variation in freeze damage ratings in this trial.

Newellton

There was significant freeze damage to early-heading entries in the Newellton trial (Table 10). Stands were marginal in some plots and leaf rust severity was high. As a result, the CV (scaled unexplained variation) was quite

high (28%) and yields were low. The average yield was 31.5 bushels per acre with a range of 3.4 to 63.0 bushels per acre. The entry SC22W281 had the highest yield followed by USG 3437, AGRIMAXX 564, GA17034ID-22 and AGRIMAXX 492, all with yields above 50.0 bushels per acre. The average test weight was 55.1 pounds per bushel with a range of 50.0 to 57.9 pounds per bushel. Leaf rust pressure was high, ranging from 0% to 68% with a mean of 12.1%. Twelve of the 13 highest yielding entries had rust ratings of 0%.

Winnsboro

The trial had severe freeze damage on early-heading entries and high yield on those entries with no freeze damage (Table 11). Yields the fungicide split ranging from 15.0 to 111.8 bushels per acre and an average of 69.9 bushels per acre (Table 11). VA20W-142 was the highest-yielding, followed by 18VTK10-23, AGRIMAXX 543, SCNC15305-43, AGS 3518 and USG 3437, all with yields above 100 bushels per acre. Test weights ranged from 47.9 to 59.3 pounds per bushel with an average of 54.6 pounds per bushel.

Yield in the non-fungicide treated trial had an average yield of 60.11 bushels per acre, 9.8 bushels per acre greater than the non-fungicide trial mean, with a range of 11.5 bushels per acre to 103.2 bushels per acre. 18VTK10-23 had the highest yield followed by VA20W-142 and GA17034ID-22-3-5-23LE29, all with yields above 91.0 bushels per acre. The commercial varieties USG 3437, AGRIMAXX 492, AGS 3518 and AGRIMAXX 564 all had yields above 74 bushels per acre. Fungicide-treated plots had a mean test weight of 0.26 pounds per bushel greater than no-treated plots. Disease pressure was relatively low with an average leaf rust severity of 5.4%. Significant lodging occurred as a result of the hard freeze in March that damaged the lower stems of medium-early heading entries.

Fusarium Head Blight Screening Results

Fusarium head blight did not develop this year, even in inoculated and misted disease nurseries, likely due to the very dry and breezy period from late March to late April. Additionally, it was not possible to separate shriveled kernels resulting from freeze damage and from Fusarium damaged kernels in the Winnsboro misted nursery. The misted FHB nursery was lost in Baton Rouge this year due to heavy rain and weathering after maturity.

Oat Performance Trials

The oat performance trial lodged severely due to torrential rains over a 10-day period after maturity in Baton Rouge. That trial was not harvested. The trial in Alexandria was also lost due to severe lodging due to heavy rains in 2026. Several planter tubes clogged in the Winnsboro trial resulting in uneven plots size that prevented accurate yield determination. Disease and agronomic data were collected in Alexandria and Baton Rouge (Tables 12 and 13).

Alexandria

Stem rust pressure was low at Alexandria in 2026 (Table 12). Rust ranged from 0% to 4% with a mean of 1.2%. Several hard freezes in late January, with temperatures in the upper 20s F, resulted in significant freeze damage with a mean of 3.1 on a 0-9 scale.

Baton Rouge

Crown rust pressure was high at Baton Rouge, ranging from 0% to 70% with a mean of 18% (Table 13). Eleven of 24 entries had less than 10% crown rust while three entries had greater than 50% severity. There were significant differences among entries for leafiness (biomass) rating, a visual estimate of forage potential.

Oat Deer Preference Trial

Entries in the state oat variety trial were planted in a free-choice deer preference trial at the Idlewild Research Station near Clinton, Louisiana. The trial containing three replications was planted on Oct. 10, about a month before the normal planting date for grain trials and probably a couple of weeks later than a typical hunter might plant a food plot. The field was surrounded by woods with a high deer population. Electric fencing was used to keep wild hogs and deer out of the trial until stand establishment. The upper fence wire was removed and the lower wire left intact in November to permit free movement of deer into the plots without allowing pigs in. Utilization of the plots was low until mid-January due to a very heavy mast crop in the surrounding woods. Deer grazing in the plots picked up significantly in mid-January. The trial was rated twice in January and once in February on a 0-9 scale for amount of grazing (use) in each plot.

The average deer use rating was 4.0 with a range of 0.2 to 7.7 and there were significant differences in mean use among the 24 entries. Horizon 306 and Horizon 578 had the highest average use rating of the six released varieties in the trial. The breeding line TX18OCS9125 had the highest mean use rating followed by Horizon 306 and LA18151SSB-18-2 which were not significantly different than TX18OCS9125. The three entries with the lowest deer use were early spring-like oats and sustained significant freeze damage to foliage from a hard freeze in January. Note: The preference of deer for one variety over another may vary across years and locations.

Table 1. Wheat performance trial across south Louisiana for 2026.

Brand/Variety	Grain Yield (bu/acre)	Test Weight (lbs/bu)	Head Day (of year)	Plant Height (in)	Lodging - CR (0-9)	Hessian Fly (0-9)	Leaf Rust (%)
GA18117-58NCDH-23E37F	66.2	57.7	72.6	28.9	0.1	1.0	0
FL180013-075	65.4	56.9	70.6	31.7	0.1	0.5	0
LA17006-LDH042	62.4	58.7	72.4	28.4	0.4	1.0	3
TX20D5145	58.9	53.8	71.0	29.9	0.9	0.0	3
GA161243-15-5-8-23E47	58.9	54.6	73.2	30.6	0.0	0.0	0
LA18198C-58-3	54.3	55.3	68.2	31.0	0.0	0.0	0
AGS 4043	**53.7**	**58.0**	**82.9**	**28.4**	**0.4**	**0.0**	**0**
LA15093SB-30-3-3	53.5	56.9	68.3	31.4	1.8	0.0	1
LA16049C-27-3-3-2	53.1	54.5	75.1	29.5	0.0	0.0	7
TX21D6180	52.2	57.3	80.8	33.6	0.0	2.5	0
LA16076C-6-2-3	51.3	54.1	71.3	30.7	0.9	0.0	12
SC22W281	51.3	56.9	84.1	32.0	0.0	0.5	0
LA17046SB-2-2-2	51.2	55.8	83.6	30.9	0.1	0.0	2
LAVT19VDH-FHB-MAS11-10	51.0	57.4	67.9	29.5	0.4	0.0	1
AGS 3022	**50.5**	**54.5**	**73.0**	**30.1**	**0.0**	**0.0**	**44**
SC22W198	49.7	56.7	80.2	33.8	0.0	0.5	1
GA17034ID-22-3-5-23LE2	48.7	55.5	90.0	29.5	0.0	0.0	0
LA16071BSP-17-4-1	47.9	56.4	67.4	28.1	0.1	0.0	29
LA18003-NDH119	**47.6**	**54.3**	**74.3**	**30.7**	**1.0**	**1.5**	**0**
SCNC15305-43	47.0	55.3	85.2	29.7	0.1	0.5	0
LAAR15172W-42-1-3-1-3	46.8	54.6	78.8	30.1	0.0	1.5	0
VA20W-142	42.0	52.9	86.3	32.2	0.0	3.5	6
TX20D5116	41.9	52.8	70.9	28.3	4.8	0.0	56
GO WHEAT 6000	**41.7**	**53.9**	**68.7**	**29.3**	**1.3**	**0.5**	**4**
LA18023C-1-3	41.7	54.1	80.5	29.3	1.8	3.5	0
AGS 3518	**41.7**	**57.9**	**89.3**	**32.8**	**1.4**	**3.5**	**0**
SCLA19WF2110	41.5	56.2	70.5	30.0	0.0	0.5	53
LA19333-NDH31	41.0	55.7	89.3	26.4	0.3	0.0	0
GA161058-13-4-6-23E14	39.0	51.8	75.6	29.7	2.0	0.5	22
FLLA16124LDH-51	37.4	52.9	74.4	28.9	1.6	0.5	43

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Table 1. Wheat performance trial across south Louisiana for 2025. (cont.)

Brand/Variety	Grain Yield (bu/acre)	Test Weight (lbs/bu)	Head Day (of year)	Plant Height (in)	Lodging - CR (0-9)	Hessian Fly (0-9)	Leaf Rust (%)
VA22W-201	35.1	54.7	88.5	27.5	0.1	0.0	0
18VTK10-23	32.3	55.0	87.7	29.8	0.0	7.5	0
LA20103NCDH-04	30.2	53.3	92.8	28.3	4.8	1.0	0
SCLA18290LDH-008	29.0	54.2	85.0	29.9	0.5	1.5	1
GA16388-8-3-7-23LE6	28.2	56.3	90.3	29.9	0.0	0.0	5
18VTK9-68	26.8	59.7	85.2	29.0	3.8	0.5	0
AGRIMAXX 492	17.9	55.3	85.5	28.7	2.5	7.5	1
18VTK10-188	15.1	55.0	85.2	29.3	2.6	7.5	11
MEAN	**44.7**	**55.4**	**78.8**	**29.9**	**0.9**	**1.3**	**7.9**
CV%	**15**	**2**	**2**	**4**	**145**	**63**	**87**
LSD (0.10)	**20.2**	**3.3**	**3.4**	**1.9**	**2.3**	**–**	**18.2**
R-SQUARE	**0.92**	**0.91**	**0.98**	**0.85**	**0.71**	**0.94**	**0.92**

Data from Crowley (CR) and Jeanerette (JE), Louisiana.
Bold: *"Brand/Variety" indicates the entry is commercially available; others are nonreleased breeding lines.*
Lodging: *Lodging score, scale of 0=none to 9=100% lodged.*
Phenotype: *A visual appeal rating with a higher score indicating a prettier plot.*

Table 2. Wheat performance trial across south Louisiana for 2025 and 2026.

Brand/Variety	Grain Yield (bu/acre)	Test Weight (lbs/bu)	Head Day (of year)	Plant Height (in)	Lodging (0-9)	Leaf Rust (%)	Phenotype (0-9)
GA18117-58NCDH-23E37F	65.1	57.4	78.2	29.6	0.9	0.0	6
AGS 4043	**62.6**	**57.7**	**87.2**	**28.2**	**0.5**	**0.1**	**5**
LA17006-LDH042	61.5	58.1	78.9	29.7	0.4	1.4	6
FL180013-075	59.8	56.1	78.7	30.6	1.3	7.0	6
LA15093SB-30-3-3	59.8	55.2	75.4	30.3	1.2	0.5	5
AGS 3022	**58.1**	**55.1**	**79.8**	**30.6**	**0.6**	**29.7**	**7**
LA19333-NDH31	**54.3**	**55.5**	**91.9**	**26.5**	**0.6**	**0.0**	**5**
LA18003-NDH119	53.8	55.5	80.2	31.5	0.8	0.0	6
GO WHEAT 6000	**48.7**	**54.0**	**75.2**	**30.3**	**1.6**	**13.0**	**5**
AGRIMAXX 492	**40.8**	**55.1**	**90.6**	**28.1**	**1.8**	**0.2**	**5**
MEAN	**56.4**	**56.0**	**81.5**	**29.5**	**1.0**	**5.2**	**5.6**
CV%	**11**	**2**	**2**	**5**	**121**	**149**	**6**
LSD (0.10)	**8.9**	**1.2**	**3.0**	**1.7**	**1.9**	**12.0**	**–**
R-SQUARE	**0.93**	**0.88**	**0.95**	**0.83**	**0.67**	**0.86**	**0.83**

Data from Baton Rouge (2025), Crowley and Jeanerette, Louisiana.
Bold: *"Brand/Variety" indicates the entry is commercially available; others are nonreleased breeding lines.*
Lodging: *Lodging score, scale of 0=none to 9=100% lodged.*
Phenotype: *A visual appeal rating with a higher score indicating a prettier plot.*

Table 3. Wheat performance trial across south Louisiana for 2024, 2025 and 2026.

Brand/Variety	Grain Yield (bu/acre)	Test Weight (lbs/bu)	Head Day (of year)	Plant Height (in)	Lodging (0-9)	Leaf Rust (%)	Phenotype (0-9)
LA17006-LDH042	68.0	57.8	80.4	29.7	2.0	1.4	6.1
AGS 3022	**66.7**	**55.7**	**79.8**	**30.6**	**1.6**	**29.7**	**6.3**
LA19333-NDH31	**64.2**	**55.8**	**89.4**	**26.5**	**2.2**	**0.0**	**5.0**
AGS 4043	**62.9**	**57.0**	**86.2**	**28.2**	**2.3**	**0.1**	**5.2**
LA18003-NDH119	62.6	55.7	80.8	31.5	1.9	0.0	5.6
AGRIMAXX 492	**51.6**	**55.3**	**90.0**	**28.1**	**3.1**	**0.2**	**5.2**
MEAN	**62.6**	**56.3**	**84.4**	**29.1**	**2.2**	**5.2**	**5.6**
CV%	**12**	**2**	**2**	**5**	**56**	**125**	**6**
LSD (0.10)	**8.2**	**1.0**	**2.7**	**1.4**	**NS**	**12.3**	**0.5**
R-SQUARE	**0.91**	**0.84**	**0.99**	**0.86**	**0.89**	**0.91**	**0.79**

Data from Baton Rouge (2024, 2025), Crowley and Jeanerette, Louisiana.
Bold: *"Brand/Variety" indicates the entry is commercially available; others are nonreleased breeding lines.*
Lodging: *Lodging score, scale of 0=none to 9=100% lodged.*
Phenotype: *A visual appeal rating with a higher score indicating a prettier plot.*

Table 4. Wheat performance trial at Crowley, Louisiana, for 2026.

Brand/Variety	Grain Yield (bu/acre)	Test Weight (lbs/bu)	Head Day (of year)	Plant Height (in)	Lodging (0-9)	Leaf Rust (%)
GA18117-58NCDH-23E37F	85.9	55.3	65.5	31.0	0.3	0
LA17006-LDH042	83.2	56.5	65.8	31.0	0.8	0
FL180013-075	75.6	55.2	64.8	34.3	0.3	0
LA16076C-6-2-3	74.7	53.2	64.8	33.5	1.8	0
LA18198C-58-3	73.8	53.5	63.3	33.0	0.0	0
AGS 3022	**72.4**	**53.9**	**67.8**	**33.0**	**0.0**	**6**
LA15093SB-30-3-3	71.8	55.6	63.3	35.3	3.5	0
GA161243-15-5-8-23E47	71.3	52.0	63.5	32.0	0.0	0
TX20D5145	71.0	51.5	66.0	31.5	1.8	0
LA18003-NDH119	**69.0**	**52.3**	**68.0**	**33.0**	**2.0**	**0**
AGS 4043	**68.7**	**55.4**	**75.0**	**29.8**	**0.8**	**0**
LAAR15172W-42-1-3-1-3	67.9	52.7	70.3	33.5	0.0	0
LA16071BSP-17-4-1	67.8	55.3	63.0	30.5	0.3	0
TX21D6180	67.4	54.5	71.8	36.3	0.0	0
SCLA19WF2110	64.5	54.4	65.0	32.5	0.0	11
LA18023C-1-3	64.2	51.9	70.8	31.8	1.3	0
VA20W-142	63.2	50.6	80.5	34.5	0.0	0
SC22W198	62.0	54.4	74.3	37.0	0.0	0
TX20D5116	61.2	50.3	65.5	30.0	5.3	34
LA17046SB-2-2-2	60.9	54.0	74.3	32.8	0.3	0
LA16049C-27-3-3-2	60.7	53.4	68.3	30.8	0.0	6
GO WHEAT 6000	**60.4**	**51.6**	**63.5**	**30.5**	**2.5**	**0**
FLLA16124LDH-51	58.2	52.2	69.5	31.0	0.0	3
SC22W281	57.8	53.9	76.5	33.5	0.0	0
GA161058-13-4-6-23E14	57.2	50.2	68.0	30.5	1.5	9
SCNC15305-43	55.8	51.2	78.0	31.3	0.3	0
LAVT19VDH-FHB-MAS11-10	55.5	47.5	64.0	31.8	0.8	0
USG 3437	**55.3**	**53.7**	**83.3**	**28.5**	**0.5**	**0**
GA17034ID-22-3-5-23LE29	53.7	49.8	85.0	31.0	0.0	0
SCLA18290LDH-008	47.4	53.6	80.0	32.8	1.0	0

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Table 4. Wheat performance trial at Crowley, Louisiana, for 2026. (cont.)

Brand/Variety	Grain Yield (bu/acre)	Test Weight (lbs/bu)	Head Day (of year)	Plant Height (in)	Lodging (0-9)	Leaf Rust (%)
LA20103NCDH-04	46.6	51.9	83.5	29.8	5.5	0
18VTK10-23	41.1	51.1	83.8	31.8	0.0	0
VA22W-201	38.7	49.6	80.5	28.8	0.3	0
GA16388-8-3-7-23LE6	37.5	53.3	83.5	30.8	0.0	1
AGS 3518	**37.5**	**–**	**82.0**	**34.0**	**2.8**	**0**
AGRIMAXX 492	**22.2**	**–**	**73.5**	**31.5**	**5.0**	**0**
18VTK10-188	19.5	–	79.5	29.5	5.3	1
18VTK9-68	10.2	–	80.5	29.5	7.5	0
MEAN	**58.3**	**53.0**	**72.3**	**31.9**	**1.3**	**1.9**
CV%	**10**	**2**	**2**	**3**	**113**	**213**
LSD (0.10)	**7.1**	**1.6**	**1.8**	**1.2**	**1.8**	**4.7**
R-SQUARE	**0.91**	**0.76**	**0.97**	**0.83**	**0.71**	**0.75**

Rice Research Station in Crowley, Louisiana. *Manoch Kongchum, James Leonards, Jacob Fluitt and Boyd Padgett.*
Bold: *"Brand/Variety" indicates the entry is commercially available; others are nonreleased breeding lines.*
Lodging: *Lodging score, scale of 0=none to 9=100% lodged.*
Cultural Practices: *Planted Nov. 5, 2025. Harvested April 28, 2026. Fertilized 250 #/acre 0-24-24-2.8 on Sept. 12, 2025 and 80 #N/acre 46-0-0 on Jan. 20, 2026. Also, 2 oz/acre metribuzin and 2.0 oz/acre Zidua on Nov. 20, 2025.*

Table 5. Wheat performance trial at Jeanerette, Louisiana, for 2026.

Brand/Variety	Grain Yield (bu/acre)	Test Weight (lbs/bu)	Head Day (of year)	Plant Height (in)	Lodging (0-9)	Leaf Rust (%)
TX20D5145	46.8	56.1	73.8	28.3	0.0	0.0
GA18117-58NCDH-23E37F	46.4	60.1	79.0	26.8	0.0	0.0
LAVT19VDH-FHB-MAS11-10	46.4	59.9	71.0	27.3	0.0	0.0
AGS 3518	**45.9**	**57.9**	**96.5**	**31.7**	**0.0**	**0.0**
LA16049C-27-3-3-2	45.5	55.6	79.0	28.3	0.0	0.0
FL180013-075	45.2	60.4	74.8	29.1	0.0	0.0
SC22W281	44.8	60.0	91.0	30.5	0.0	0.0
GA17034ID-22-3-5-23LE29	43.7	61.2	96.0	28.1	0.0	0.0
18VTK9-68	43.4	59.7	89.3	28.6	0.0	0.0
GA161243-15-5-8-23E47	42.4	58.1	82.5	29.3	0.0	0.0
LA17006-LDH042	41.6	60.9	78.0	25.8	0.0	0.0
AGS 4043	**38.8**	**60.5**	**90.0**	**27.1**	**0.0**	**0.0**
SCNC15305-43	38.3	59.3	91.0	28.1	0.0	0.0
LA17046SB-2-2-2	38.2	57.5	92.3	29.1	0.0	2.5
SC22W198	37.5	59.0	84.5	30.5	0.0	0.0
TX21D6180	36.9	60.0	88.8	30.9	0.0	0.0
LA15093SB-30-3-3	35.2	58.1	71.3	27.6	0.0	0.0
LA18198C-58-3	34.9	57.2	72.8	29.1	0.0	0.0
VA22W-201	31.6	58.6	96.0	26.3	0.0	0.0
AGS 3022	**28.6**	**55.1**	**74.3**	**27.3**	**0.0**	**65.0**
LA16071BSP-17-4-1	28.1	57.5	70.0	25.8	0.0	58.8
LA16076C-6-2-3	28.0	55.4	76.8	27.9	0.0	21.3
LA19333-NDH31	**26.7**	**58.3**	**96.0**	**24.3**	**0.0**	**0.0**
LA18003-NDH119	26.1	56.3	78.5	28.4	0.0	0.0
LAAR15172W-42-1-3-1-3	25.6	57.1	86.3	26.8	0.0	0.0
18VTK10-23	23.5	60.9	92.0	27.8	0.0	0.0
GO WHEAT 6000	**23.1**	**56.3**	**73.5**	**28.1**	**0.0**	**0.0**
TX20D5116	22.5	55.2	75.0	26.5	4.3	67.5
VA20W-142	20.8	57.5	93.7	29.8	0.0	15.0
GA161058-13-4-6-23E14	20.7	53.4	81.8	28.9	2.5	12.6

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Table 5. Wheat performance trial at Jeanerette, Louisiana, for 2026. (cont.)

Brand/Variety	Grain Yield (bu/acre)	Test Weight (lbs/bu)	Head Day (of year)	Plant Height (in)	Lodging (0-9)	Leaf Rust (%)
LA18023C-1-3	19.2	57.1	89.3	26.9	2.3	0.0
GA16388-8-3-7-23LE6	18.8	58.3	96.5	29.1	0.0	5.0
SCLA19WF2110	18.6	58.6	74.8	27.5	0.0	78.8
FLLA16124LDH-51	16.7	53.9	78.0	26.8	3.3	67.5
LA20103NCDH-04	13.8	56.1	101.5	26.8	4.0	0.0
AGRIMAXX 492	**13.6**	**55.3**	**97.0**	**25.9**	**0.0**	**0.0**
18VTK10-188	10.7	55.0	92.3	29.0	0.0	0.3
SCLA18290LDH-008	10.5	56.4	92.3	27.1	0.0	0.0
MEAN	**30.6**	**57.9**	**84.4**	**28.0**	**0.4**	**10.4**
CV%	**24**	**2**	**3**	**6**	**231**	**90**
LSD (0.10)	**8.7**	**1.4**	**2.7**	**1.8**	**1.2**	**11.0**
R-SQUARE	**0.79**	**0.85**	**0.96**	**0.61**	**0.64**	**0.89**

Iberia Research Station in Jeanerette, Louisiana. *Gregory Williams and Boyd Padgett.*
Bold: *"Brand/Variety" indicates the entry is commercially available; others are nonreleased breeding lines.*
Lodging: *Lodging score, scale of 0=none to 9=100% lodged.*
Cultural Practices: *Baldwin silty clay loam soil. Planted Oct. 24, 2025. Harvested May 15, 2026. Fertilized 25# N/acre as 13-13-13 on Nov. 24, 2025 and 120# N/acre as 46-0-0 on Feb. 13, 2026. Also, 24 oz/acre 2,4,D on Jan. 5, 2026*

Table 6. Wheat performance trial across north Louisiana for 2026 (with and without fungicide).

Brand/Variety	Grain Yield (bu/a) Fung	Grain Yield (bu/a) No Fung	Grain Yield (bu/a) Diff	Test Weight (lbs/bu) Fung	Test Weight (lbs/bu) No Fung	Test Weight (lbs/bu) Diff	Head Day (of year) Fung	Head Day (of year) No Fung	Freeze Damage (0-9)	Hessian Fly (0-9)	Plant Height (in)	Lodging (0-9) Fung	Lodging (0-9) No Fung	Leaf Rust (%) No Fung	Phenotype (0-9) Fung	Phenotype (0-9) No Fung
18VTK10-23	116.0	84.2	31.8	57.8	57.6	0.2	90.0	87.6	0.7	1.5	32.9	4.7	5.0	0	6.0	4.0
SC22W281	100.8	85.1	15.7	57.4	57.2	0.2	88.7	86.4	1.7	0.0	35.2	3.0	4.0	0	5.0	4.1
GA17034ID-22-3-5-23LE29	97.1	88.3	8.8	55.6	57.1	-1.5	89.0	87.4	0.7	0.0	31.7	6.7	5.0	0	7.0	4.4
GA16388-8-3-7-23LE6	105.0	75.0	30.1	56.9	56.8	0.1	88.3	86.8	1.0	0.0	34.2	4.0	3.7	12	5.0	4.1
GA161058-13-4-6-23E14	74.8	57.8	17.0	55.8	56.6	-0.8	83.3	81.6	1.0	0.0	32.9	2.0	0.3	29	5.0	3.8
AGS 4043	**90.7**	**74.7**	**16.0**	**56.1**	**56.2**	**-0.1**	**82.7**	**80.6**	**1.7**	**0.0**	**32.8**	**2.7**	**2.7**	**0**	**6.0**	**4.2**
AGRIMAXX 492	**99.5**	**81.7**	**17.8**	**56.8**	**56.0**	**0.8**	**88.7**	**86.6**	**1.0**	**2.5**	**31.8**	**5.7**	**5.7**	**4**	**6.0**	**4.5**
AGS 3518	**100.1**	**75.2**	**24.9**	**56.8**	**56.0**	**0.8**	**84.3**	**83.4**	**1.2**	**0.0**	**36.3**	**0.3**	**1.0**	**1**	**5.0**	**4.4**
FL180013-075	27.4	22.3	5.1	55.8	56.0	-0.2	81.0	76.2	4.2	0.0	33.7	2.7	1.3	0	5.0	3.3
SC22W198	101.8	75.6	26.2	55.7	55.8	0.0	85.0	83.4	1.7	0.0	36.4	1.0	2.7	1	7.0	3.9
USG 3437	**108.1**	**86.8**	**21.2**	**56.1**	**55.6**	**0.5**	**88.7**	**85.6**	**1.0**	**0.0**	**30.1**	**4.7**	**4.0**	**0**	**7.0**	**4.4**
AGRIMAXX 564	**112.0**	**80.2**	**31.7**	**55.8**	**55.6**	**0.3**	**86.7**	**85.2**	**1.3**	**4.5**	**36.8**	**2.7**	**1.3**	**0**	**7.0**	**4.2**
TX21D6180	65.4	57.8	7.6	56.1	55.5	0.5	82.0	79.8	2.5	1.0	37.4	0.0	1.0	0	5.0	3.7
LA18023C-1-3	99.4	74.5	24.9	57.7	55.5	2.1	88.0	85.6	1.3	4.0	33.3	3.0	3.7	0	6.0	4.3
18VTK9-68	97.0	77.6	19.5	56.9	55.2	1.6	85.7	83.4	1.5	1.0	31.0	2.0	5.3	0	6.0	4.0
SCLA18290LDH-008	96.2	69.6	26.7	55.8	55.0	0.8	84.7	83.8	1.2	0.5	35.3	2.0	2.7	4	6.0	4.1
LA20103NCDH-04	95.9	70.1	25.8	54.4	54.9	-0.6	85.7	86.2	1.2	0.0	33.8	6.0	6.7	0	7.0	4.2
GA18117-58NCDH-23E37F	29.9	31.5	-1.6	57.5	54.9	2.6	81.0	75.8	4.2	0.0	30.4	0.0	0.0	0	4.0	3.4
SCLA19WF2110	72.4	52.8	19.6	56.7	54.9	1.9	85.0	81.0	2.0	0.0	34.2	2.3	3.0	55	6.0	3.5
AGS 3022	**32.0**	**25.0**	**6.9**	**55.6**	**54.5**	**1.2**	**83.0**	**77.6**	**4.5**	**0.0**	**30.8**	**0.0**	**0.7**	**35**	**4.0**	**3.1**
18VTK10-188	108.2	70.9	37.3	57.0	54.1	2.9	89.0	87.2	0.7	3.0	34.0	2.7	3.3	18	6.0	4.1
FLLA16124LDH-51	34.9	25.5	9.4	54.0	54.1	-0.2	81.0	78.0	4.0	0.0	29.2	0.3	0.3	43	4.0	3.2
LA16049C-27-3-3-2	39.2	36.8	2.4	53.9	53.9	0.0	82.3	78.4	3.0	0.0	31.5	1.3	1.7	12	5.0	3.1
LA17046SB-2-2-2	90.4	66.8	23.6	52.7	53.9	-1.2	86.0	84.8	1.2	0.0	32.2	4.0	2.7	4	6.0	4.3
SCNC15305-43	103.4	79.1	24.3	53.5	53.8	-0.4		87.0	0.7	1.0	35.7	7.0	5.7	0	7.0	4.1

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Table 6. Wheat performance trial across north Louisiana for 2026 (with and without fungicide). (cont.)

Brand/Variety	Grain Yield (bu/a) Fung	Grain Yield (bu/a) No Fung	Grain Yield (bu/a) Diff	Test Weight (lbs/bu) Fung	Test Weight (lbs/bu) No Fung	Test Weight (lbs/bu) Diff	Head Day (of year) Fung	Head Day (of year) No Fung	Freeze Damage (0-9)	Hessian Fly (0-9)	Plant Height (in)	Lodging (0-9) Fung	Lodging (0-9) No Fung	Leaf Rust (%) No Fung	Phenotype (0-9) Fung	Phenotype (0-9) No Fung
GO WHEAT 6000	**54.5**	**34.3**	**20.2**	**54.6**	**53.8**	**0.8**	**81.0**	**76.8**	**3.5**	**1.0**	**30.4**	**2.3**	**2.3**	**37**	**6.0**	**2.9**
LA18003-NDH119	65.7	51.0	14.7	56.1	53.6	2.5	82.7	79.6	2.0	0.0	36.0	1.7	2.3	0	5.0	3.6
LA17006-LDH042	52.8	41.6	11.2	57.9	53.5	4.3	80.3	77.8	2.7	0.0	32.5	0.7	2.7	1	6.0	4.0
GA161243-15-5-8-23E47	65.5	54.8	10.7	55.5	53.3	2.2	81.0	78.4	2.7	0.0	33.6	1.0	0.3	2	5.0	3.7
LAAR15172W-42-1-3-1-3	57.3	50.9	6.4	53.5	53.2	0.3	81.7	79.4	2.8	0.0	31.4	1.7	1.0	1	5.0	3.8
TX20D5116	40.7	25.4	15.3	54.4	53.1	1.2	81.3	76.2	4.3	0.0	31.5	1.3	2.0	41	5.0	2.8
VA22W-201	105.8	73.4	32.4	54.6	52.9	1.8	86.3	85.6	0.7	3.5	29.1	6.7	6.3	6	5.0	4.0
LA18198C-58-3	28.9	22.8	6.0	53.8	52.8	1.0	81.3	75.4	5.2	0.0	36.0	1.0	0.3	1	4.0	2.9
AGRIMAXX 543	**109.1**	**55.6**	**53.6**	**53.6**	**52.6**	**1.0**	**90.0**	**88.2**	**0.8**	**0.0**	**33.8**	**5.3**	**5.3**	**13**	**6.0**	**4.4**
LAVT19VDH-FHB-MAS11-10	21.1	19.9	1.1	53.4	52.6	0.8	73.3	70.6	5.3	0.0	29.8	1.0	0.7	4	4.0	2.6
VA20W-142	110.8	64.3	46.4	52.6	52.5	0.1	88.3	87.8	0.8	3.0	35.5	8.7	8.3	6	5.0	4.1
LA16071BSP-17-4-1	25.1	20.1	5.0	52.8	51.6	1.2	81.3	75.2	3.8	0.0	31.3	0.7	0.7	27	4.0	3.1
LA16076C-6-2-3	53.7	37.2	16.4	51.8	50.8	0.9	82.0	76.6	2.2	0.0	30.4	0.3	0.3	10	5.0	3.3
TX20D5145	60.4	41.0	19.4	51.1	50.2	0.9	85.7	81.0	2.2	0.5	33.3	4.0	2.3	11	4.0	3.3
LA15093SB-30-3-3	36.2	32.6	3.6	53.9	50.0	3.9	80.7	76.6	3.0	0.0	31.9	2.3	1.7	3	6.0	3.1
MEAN	**74.8**	**56.1**	**18.8**	**55.3**	**54.7**	**0.9**	**84.3**	**81.5**	**2.2**	**0.7**	**33.0**	**2.7**	**2.8**	**9.5**	**5.5**	**3.8**
CV%	**16**	**15**	**–**	**3**	**2**	**–**	**2**	**2**	**29**	**134**	**5**	**53**	**54**	**80**	**–**	**12.6**
LSD (0.10)	**16.8**	**18.7**	**–**	**4.2**	**3.2**	**–**	**.**	**4.9**	**1.9**	**–**	**–**	**–**	**–**	**15.3**	**–**	**0.8**
R-SQUARE	**0.92**	**0.95**	**–**	**0.77**	**0.89**	**–**	**0.82**	**0.95**	**0.95**	**0.80**	**0.81**	**0.79**	**0.76**	**0.92**	**1.00**	**1.0**

Data is from the trials at Alexandria, Winnsboro and Somerset Plantation (Newellton).
Bold: *"Brand/Variety" indicates the entry is commercially available; others are nonreleased breeding lines.*
Lodging: *Lodging score, scale of 0=none to 9=100% lodged.*
Misted Nursery: *Inoculated with scabby corn and mist irrigated to create heavy Fusarium headblight pressure.*
Phenotype: *A visual appeal with a higher score indicating a more attractive plot. Average of three ratings in spring.*

Table 7. Wheat performance trial across north Louisiana for 2025 and 2026 (with and without fungicide).

Brand/Variety	Grain Yield (bu/a) Fung	Grain Yield (bu/a) No Fung	Grain Yield (bu/a) Diff	Test Weight (lbs/bu) Fung	Test Weight (lbs/bu) No Fung	Test Weight (lbs/bu) Diff	Head Day (of year) Fung	Head Day (of year) No Fung	Freeze Damage (0-9)	Hessian Fly (0-9)	Plant Height (in)	Lodging (0-9) Fung	Lodging (0-9) No Fung	Leaf Rust (%) No Fung	Phenotype (0-9) Fung	Phenotype (0-9) No Fung	Misted Nursery Head Day	Misted Nursery FHB (0-9)	Misted Nursery FDK (0-9)	Misted Nusery DON (ppm)
USG 3437	**82.1**	**75.2**	**6.9**	**55.5**	**55.3**	**0.2**	**89.3**	**90.2**	**1.0**	**0.0**	**29.2**	**2.3**	**2.0**	**0**	**6.5**	**4.8**	**93.0**	**4.3**	**18.8**	**7.5**
AGRIMAXX 492	**78.5**	**72.6**	**5.8**	**56.4**	**55.9**	**0.5**	**91.3**	**91.9**	**1.0**	**2.5**	**31.4**	**2.8**	**2.8**	**3**	**6.5**	**5.0**	**95.8**	**3.5**	**30.0**	**8.8**
AGS 4043	**77.4**	**68.2**	**9.2**	**56.2**	**56.0**	**0.3**	**86.7**	**86.8**	**1.7**	**0.0**	**29.5**	**1.3**	**1.3**	**0**	**6.0**	**4.6**	**90.8**	**3.0**	**7.5**	**3.0**
AGRIMAXX 543	**83.9**	**58.2**	**25.7**	**53.3**	**53.0**	**0.3**	**93.7**	**93.5**	**0.8**	**0.0**	**31.8**	**2.7**	**2.7**	**9**	**6.0**	**4.7**	**100.8**	**3.0**	**20.0**	**3.6**
LA18003-NDH119	63.9	54.9	9.0	55.5	54.6	0.9	88.5	87.6	2.0	0.0	34.3	0.8	1.2	0	6.0	4.2	94.3	2.5	8.8	3.8
GO WHEAT 6000	**58.2**	**44.3**	**14.0**	**54.0**	**53.5**	**0.5**	**86.3**	**84.7**	**3.5**	**1.0**	**30.2**	**1.2**	**1.2**	**28**	**6.0**	**3.5**	**95.8**	**2.3**	**18.3**	**5.5**
GA18117-58NCDH-23E37F	47.0	43.6	3.4	55.7	55.2	0.6	85.5	83.7	4.2	0.0	28.6	0.3	0.0	0	5.0	3.9	92.0	2.5	11.7	2.5
LA17006-LDH042	52.8	41.6	11.2	55.3	53.5	1.7	80.3	77.8	2.7	0.0	32.5	0.7	2.7	1	6.0	4.0	–	–	–	–
LA15093SB-30-3-3	49.9	40.6	9.3	53.8	52.6	1.2	86.0	86.9	3.0	0.0	30.0	1.2	1.5	3	6.0	3.9	92.8	3.8	20.0	6.6
AGS 3022	**42.0**	**37.9**	**4.0**	**55.7**	**55.5**	**0.2**	**86.5**	**85.0**	**4.5**	**0.0**	**29.1**	**0.0**	**0.3**	**26**	**5.5**	**3.8**	**91.0**	**3.5**	**15.0**	**5.8**
FL180013-075	43.3	37.5	5.8	56.4	56.2	0.2	85.5	83.8	4.2	0.0	30.6	1.3	0.7	0	6.0	4.0	90.8	4.5	12.5	5.3
MEAN	**62.5**	**52.7**	**–**	**55.3**	**54.8**	**–**	**87.6**	**87.0**	**2.6**	**0.3**	**30.5**	**1.4**	**1.4**	**6.5**	**6.0**	**4.2**	**93.7**	**3.3**	**16.3**	**5.3**
CV%	**17**	**13**	**–**	**2**	**2**	**–**	**2**	**3**	**20**	**348**	**7**	**101**	**91**	**68**	**–**	**12**	**2**	**41**	**78**	**45**
LSD (0.10)	**26.2**	**18.1**	**–**	**1.4**	**2.0**	**–**	**4.1**	**3.4**	**2.1**	**–**	**2.7**	**2.8**	**NS**	**14.0**	**–**	**0.8**	**2.6**	**1.9**	**16.3**	**4.4**
R-SQUARE	**0.92**	**0.96**	**–**	**0.82**	**0.91**	**–**	**0.94**	**0.97**	**0.97**	**0.54**	**0.74**	**0.77**	**0.78**	**0.96**	**–**	**0.98**	**0.90**	**0.88**	**0.65**	**0.89**

Data is from the trials at Alexandria, Winnsboro and Somerset Plantation (Newellton).
Bold: *"Brand/Variety" indicates the entry is commercially available; others are nonreleased breeding lines.*
Lodging: *Lodging score, scale of 0=none to 9=100% lodged.*
Misted Nursery: *Inoculated with scabby corn and mist irrigated to create heavy Fusarium head blight pressure.*
Phenotpye: *A visual appeal with a higher score indicating a more attractive plot. Average of three ratings in spring.*
FHB Score: *FHB rating on a 0-9 scale with 0 indicating no FHB symptoms on heads.*
FDK: *Percent Fusarium damaged kernels from yield plots and from a misted and inoculated nursery.*
DON: *Parts per million of Deoxynivalenol toxin.*

Table 8. Wheat performance trial across north Louisiana for 2024, 2025 and 2026 (with and without fungicide).

Brand/Variety	Grain Yield (bu/a) Fung	Grain Yield (bu/a) No Fung	Grain Yield (bu/a) Diff	Test Weight (lbs/bu) Fung	Test Weight (lbs/bu) No Fung	Test Weight (lbs/bu) Diff	Head Day (of year) Fung	Head Day (of year) No Fung	Freeze Damage (0-9)	Hessian Fly (0-9)	Plant Height (in)	Lodging (0-9) Fung	Lodging (0-9) No Fung	Stripe Rust (%) No Fung	Leaf Rust (%) No Fung	Phenotype (0-9) Fung	Phenotype (0-9) No Fung	Misted Nursery Head Day	Misted Nursery FHB (0-9)	Misted Nursery FDK (0-9)	Misted Nusery DON (ppm)
AGRIMAXX 492	**77.1**	**76.2**	**0.8**	**57.2**	**56.2**	**1.0**	**90.7**	**91.1**	**1.0**	**2.5**	**32.5**	**1.9**	**1.9**	**1.8**	**3**	**6.5**	**5.5**	**95.8**	**3.9**	**21.3**	**6.0**
USG 3437	**76.9**	**72.7**	**4.1**	**56.2**	**55.7**	**0.5**	**89.3**	**90.0**	**1.0**	**0.0**	**29.5**	**1.6**	**1.3**	**0.0**	**0**	**6.5**	**4.9**	**93.0**	**4.5**	**12.1**	**5.2**
AGS 4043	**72.5**	**68.7**	**3.8**	**56.8**	**56.0**	**0.8**	**88.2**	**87.5**	**1.7**	**0.0**	**30.8**	**0.9**	**2.6**	**25.5**	**0**	**6.0**	**5.0**	**90.8**	**2.6**	**9.4**	**2.6**
AGRIMAXX 543	**78.6**	**62.0**	**16.6**	**54.3**	**54.0**	**0.3**	**94.2**	**93.1**	**0.8**	**0.0**	**32.4**	**1.8**	**1.8**	**2.8**	**9**	**6.0**	**5.2**	**100.8**	**3.0**	**13.1**	**2.9**
LA18003-NDH119	69.3	60.6	8.7	57.0	55.4	1.5	89.0	88.1	2.0	0.0	34.4	0.6	0.8	0.3	1	6.0	4.8	94.3	2.4	8.8	3.0
LA17006-LDH042	**62.2**	**56.5**	**5.7**	**58.2**	**56.3**	**1.9**	**89.0**	**89.1**	**2.7**	**0.0**	**32.8**	**0.2**	**0.9**	**0.5**	**0**	**6.0**	**4.8**	**93.3**	**3.2**	**24.4**	**6.4**
GO WHEAT 6000	64.6	51.8	12.9	55.4	54.9	0.5	87.9	86.0	3.5	1.0	31.6	0.8	0.8	0.0	20	6.0	4.2	95.8	2.5	20.7	5.4
AGS 3022	52.4	47.9	4.5	56.4	56.3	0.1	87.0	85.6	4.5	0.0	30.5	0.0	0.2	0.0	19	5.5	4.5	91.0	4.0	11.4	4.0
MEAN	**69.4**	**62.0**		**56.4**	**55.6**		**89.4**	**88.8**	**2.1**	**0.4**	**31.8**	**1.0**	**1.3**	**3.9**	**6.5**	**6.1**	**4.9**	**94.3**	**3.3**	**15.0**	**4.4**
CV%	**16**	**11**		**2**	**1**		**2**	**3**	**27**	**292**	**6**	**124**	**99**	**93**	**74**	**–**	**11**	**2**	**38**	**68**	**43**
LSD (0.10)	**16.7**	**12.9**		**0.9**	**1.2**		**3.6**	**2.5**	**2.0**	**–**	**1.9**	**1.8**	**2.1**	**21.8**	**13.3**	**1.7**	**0.7**	**2.4**	**1.3**	**10.7**	**2.6**
R-SQUARE	**0.88**	**0.96**		**0.94**	**0.93**		**0.90**	**0.95**	**0.95**	**0.56**	**0.79**	**0.81**	**0.82**	**0.95**	**0.95**	**1.00**	**1.0**	**0.90**	**0.90**	**0.76**	**0.91**

Data is from the trials at Alexandria, Winnsboro and Somerset Plantation (Newellton).
Bold: *"Brand/Variety" indicates the entry is commercially available; others are nonreleased breeding lines.*
Lodging: *Lodging score, scale of 0=none to 9=100% lodged.*
Misted Nursery: *Inoculated with scabby corn and mist irrigated to create heavy Fusarium head blight pressure.*
Phenotpye: *A visual appeal with a higher score indicating a more attractive plot. Average of three ratings in spring.*
FHB Score: *FHB rating on a 0-9 scale with 0 indicating no FHB symptoms on heads.*
FDK: *Percent Fusarium damaged kernels from yield plots and from a misted and inoculated nursery.*
DON: *Parts per million of Deoxynivalenol toxin.*

Table 9. Wheat performance trial at Alexandria, Louisiana, for 2026 (with and without fungicide).

Brand/Variety	Grain Yield (bu/a) Fung	Grain Yield (bu/a) No Fung	Grain Yield (bu/a) Diff	Test Weight (lbs/bu) Fung	Test Weight (lbs/bu) No Fung	Test Weight (lbs/bu) Diff	Freeze Damage (0-9) No Fung	Head Day (of year) No Fung	Plant Height (in) No Fung	Leaf Rust (%) No Fung	Phenotype (0-9) Fung	Phenotype (0-9) No Fung
AGS 3518	**99.0**	**117.3**	**-18.2**	**54.5**	**54.0**	**0.5**	**2.0**	**82.0**	**36.3**	**0**	**5.0**	**6.5**
AGRIMAXX 564	**125.7**	**113.6**	**12.1**	**55.0**	**54.8**	**0.2**	**2.0**	**83.0**	**36.8**	**0**	**7.0**	**6.0**
18VTK9-68	114.6	111.8	2.8	55.8	55.5	0.3	2.0	80.0	31.0	0	6.0	6.5
USG 3437	**115.3**	**111.8**	**3.5**	**54.9**	**54.3**	**0.6**	**2.0**	**81.0**	**30.1**	**0**	**7.0**	**7.0**
GA17034ID-22-3-5-23LE29	105.2	108.7	-3.5	55.2	57.1	-1.8	2.0	85.0	31.7	0	7.0	5.5
AGRIMAXX 492	**116.0**	**108.5**	**7.5**	**56.7**	**55.2**	**1.4**	**2.5**	**83.5**	**31.8**	**10**	**6.0**	**6.5**
18VTK10-23	125.3	107.7	17.7	57.8	56.4	1.4	2.0	84.0	32.9	0	6.0	6.0
SC22W281	102.4	106.1	-3.6	57.0	56.8	0.1	3.0	83.0	35.2	0	5.0	6.0
SC22W198	116.2	105.4	10.8	56.7	55.8	0.9	2.5	81.0	36.4	0	7.0	5.5
GA16388-8-3-7-23LE6	111.8	103.2	8.6	57.4	56.5	0.9	3.0	84.5	34.2	15	5.0	5.5
SCNC15305-43	105.6	102.3	3.3	55.2	54.7	0.5	2.0	87.0	35.7	0	7.0	6.5
AGS 4043	**109.7**	**98.4**	**11.3**	**56.5**	**54.9**	**1.6**	**2.5**	**77.5**	**32.8**	**0**	**6.0**	**6.5**
LA18023C-1-3	105.5	97.5	8.0	56.5	53.9	2.6	2.5	82.0	33.3	0	6.0	6.0
VA20W-142	109.8	96.8	13.0	55.2	54.5	0.8	2.5	87.0	35.5	30	5.0	5.0
LA20103NCDH-04	108.1	96.6	11.6	55.5	54.9	0.6	2.5	87.0	33.8	0	7.0	6.5
SCLA18290LDH-008	106.0	96.2	9.8	55.5	54.5	1.0	3.0	82.5	35.3	15	6.0	6.0
LA17046SB-2-2-2	98.7	94.4	4.3	54.7	54.3	0.4	2.0	83.0	32.2	25	6.0	6.0
18VTK10-188	116.5	93.7	22.8	56.6	52.0	4.5	2.0	84.5	34.0	35	6.0	5.0
TX21D6180	81.0	89.1	-8.1	55.2	55.4	-0.2	3.0	76.5	37.4	0	5.0	6.0
AGRIMAXX 543	**115.8**	**86.4**	**29.4**	**55.3**	**51.9**	**3.4**	**2.5**	**85.5**	**33.8**	**30**	**6.0**	**6.0**
VA22W-201	111.8	84.6	27.3	55.5	53.6	1.9	2.0	84.5	29.1	30	5.0	5.0
GA161243-15-5-8-23E47	78.1	84.3	-6.2	56.4	54.9	1.5	3.0	74.5	33.6	0	5.0	5.0
LA18003-NDH119	76.0	81.4	-5.4	55.3	54.3	1.0	2.0	75.0	36.0	0	5.0	5.5
GA161058-13-4-6-23E14	69.4	79.2	-9.7	56.0	55.7	0.3	2.0	79.0	32.9	60	5.0	5.0
SCLA19WF2110	73.0	76.8	-3.9	56.6	54.3	2.2	3.0	75.0	34.2	35	6.0	5.0

Table continues on next page →

Table 9. Wheat performance trial at Alexandria, Louisiana, for 2026 (with and without fungicide). (cont.)

Brand/Variety	Grain Yield (bu/a) Fung	Grain Yield (bu/a) No Fung	Grain Yield (bu/a) Diff	Test Weight (lbs/bu) Fung	Test Weight (lbs/bu) No Fung	Test Weight (lbs/bu) Diff	Freeze Damage (0-9) No Fung	Head Day (of year) No Fung	Plant Height (in) No Fung	Leaf Rust (%) No Fung	Phenotype (0-9) Fung	Phenotype (0-9) No Fung
LAAR15172W-42-1-3-1-3	63.7	70.9	-7.3	56.1	56.2	-0.1	2.5	76.0	31.4	0	5.0	5.5
LA16049C-27-3-3-2	40.3	59.8	-19.5	53.9	53.9	0.0	2.5	72.5	31.5	0	5.0	4.0
GO WHEAT 6000	**67.7**	**54.5**	**13.2**	**54.8**	**53.8**	**1.0**	**3.0**	**70.5**	**30.4**	**60**	**6.0**	**4.0**
TX20D5145	57.4	54.4	3.1	54.3	51.8	2.5	2.5	74.0	33.3	15	4.0	4.5
LA17006-LDH042	59.6	49.5	10.1	57.4	54.9	2.5	2.0	74.0	32.5	0	6.0	6.0
LA15093SB-30-3-3	36.8	37.1	-0.2	53.9	52.2	1.7	2.0	70.5	31.9	15	6.0	5.0
AGS 3022	**35.9**	**36.4**	**-0.5**	**55.6**	**54.5**	**1.2**	**2.5**	**69.5**	**30.8**	**80**	**4.0**	**3.5**
TX20D5116	32.0	35.1	-3.2	52.9	53.1	-0.2	2.5	68.5	31.5	75	5.0	3.5
LA16076C-6-2-3	51.8	34.9	16.9	55.0	54.1	0.9	2.5	68.5	30.4	35	5.0	4.0
FLLA16124LDH-51	33.4	33.9	-0.5	55.2	54.1	1.1	2.5	73.5	29.2	75	4.0	4.0
GA18117-58NCDH-23E37F	29.6	33.4	-3.8	57.5	54.8	2.7	2.0	68.0	30.4	0	4.0	5.0
LAVT19VDH-FHB-MAS11-10	27.1	30.0	-2.8	53.4	52.6	0.8	2.0	66.5	29.8	0	4.0	3.5
FL180013-075	27.0	29.2	-2.2	55.8	56.0	-0.2	2.0	69.0	33.7	0	5.0	5.0
LA18198C-58-3	24.7	26.3	-1.6	53.8	52.8	1.0	3.0	66.5	36.0	0	4.0	4.0
LA16071BSP-17-4-1	17.7	19.1	-1.4	52.8	51.6	1.2	3.0	66.0	31.3	60	4.0	4.0
MEAN	**79.6**	**75.1**	**4.6**	**55.5**	**54.3**	**1.2**	**2.4**	**78.0**	**33.0**	**17.5**	**5.5**	**5.3**
CV%	**17**	**12**	**–**	**2**	**2**	**–**	**18**	**2**	**5**	**–**	**–**	**11**
LSD (0.10)	**18.2**	**12.4**	**–**	**1.4**	**1.3**	**–**	**0.7**	**2.5**	**2.5**	**–**	**–**	**1.0**
R-SQUARE	**0.91**	**0.95**	**–**	**0.69**	**0.86**	**–**	**0.64**	**0.98**	**0.82**	**–**	**–**	**0.86**

Dean Lee Research Station, Alexandria, Louisiana. *Boyd Padgett, Fred Collins, Tashia Monaghan and Daniel Stephenson.*
NOTE: *FHB Scores - There was a highly significant effect of heading date on FHB symptoms in the misted nursery. Early heading entries had lower FHB scores.*
Bold: *"Brand/Variety" indicates the entry is commercially available; others are nonreleased breeding lines.*
Lodging: *Lodging score, scale of 0=none to 9=100% lodged.*
Misted Nursery: *Inoculated with scabby corn and mist irrigated to create heavy Fusarium headblight pressure.*
Phenotpye: *Overall visual appeal with a higher score indicating a more attractive plot. Average of three ratings in spring.*
FHB Score: *FHB rating on a 0-9 scale with 0 indicating no FHB symptoms on heads.*
FDK: *Percent Fusarium damaged kernels from yield plots and from a misted and inoculated nursery.*
DON: *Parts per million of Deoxynivalenol toxin.*
Cultural Practices: *Planted Nov. 3, 2025. Harvested on May 18, 2026. Zidua 2.75 oz/acre on Nov. 19, 2025. Fertilized on Feb. 13, 2026 with 90 #N/acre.*

Table 10. Wheat performance trial at Somerset Plantation (Newellton) for 2026.

Brand/Variety	Grain Yield (bu/a)	Test Weight (lbs/bu)	Growth Habit (0-9)	Freeze Damage (0-9)	Hessian Fly (0-9)	Leaf Rust (%)	Phenotype (0-9)
SC22W281	63.0	58.0	5.0	0.0	0.0	0	2.8
USG 3437	**59.2**	**56.5**	**5.0**	**0.0**	**0.0**	**0**	**2.6**
AGRIMAXX 564	**52.9**	**56.3**	**5.0**	**0.0**	**4.5**	**0**	**2.6**
GA17034ID-22	52.3	56.6	5.5	0.0	0.0	0	2.9
AGRIMAXX 492	**50.5**	**55.9**	**6.0**	**0.5**	**2.5**	**8**	**3.0**
18VTK9-68	49.6	55.7	4.5	0.0	1.0	0	2.8
VA22W-201	48.9	52.3	6.5	0.0	3.5	0	2.8
SCNC15305-43	46.3	55.7	7.0	0.0	1.0	0	2.5
AGS 3518	**42.6**	**55.4**	**4.0**	**0.5**	**0.0**	**0**	**2.6**
TX21D6180	42.0	56.7	5.0	0.0	1.0	0	2.4
18VTK10-23	41.8	57.9	6.5	0.0	1.5	0	2.0
AGS 4043	**40.2**	**56.5**	**4.5**	**1.0**	**0.0**	**0**	**2.6**
SC22W198	39.4	55.2	5.0	0.0	0.0	0	2.8
GA16388-8-3-7-23LE6	38.5	55.7	4.0	0.0	0.0	18	2.9
LA20103NCDH-04	38.1	56.9	5.0	0.0	0.0	0	2.9
LA17046SB-2-2-2	37.6	53.8	5.0	0.0	0.0	0	2.9
LA18023C-1-3	36.6	54.9	6.0	0.0	4.0	0	2.8
GA18117-58NC	33.2	54.9	4.0	4.5	0.0	0	2.3
18VTK10-188	32.9	53.8	6.0	0.0	3.0	38	2.8
SCLA19WF2110	31.9	54.1	5.0	0.0	0.0	68	2.5
GA161243-15-5-8-23E47	30.7	52.3	3.5	0.0	0.0	5	2.6
SCLA18290LDH	29.9	54.2	5.0	0.0	0.5	5	2.6
LA18003-NDH1	**29.2**	**54.3**	**4.0**	**0.0**	**0.0**	**0**	**2.5**
LA17006-LDH0	28.3	54.6	4.0	1.5	0.0	0	3.0
LAAR15172W-4	27.8	52.2	5.0	2.0	0.0	0	2.4
LA16076C-6-2	25.7	50.0	4.0	0.0	0.0	13	2.3
LA15093SB-30	25.0	–	4.5	2.0	0.0	3	2.3
TX20D5145	24.5	50.1	4.0	0.0	0.5	23	2.3
GA161058-13-4-6-23E14	19.9	–	4.0	0.0	0.0	50	2.4
LAVT19VDH-FH	18.4	–	4.0	6.5	0.0	0	2.3

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Table 10. Wheat performance trial at Somerset Plantation (Newellton) for 2026. (cont.)

Brand/Variety	Grain Yield (bu/a)	Test Weight (lbs/bu)	Growth Habit (0-9)	Freeze Damage (0-9)	Hessian Fly (0-9)	Leaf Rust (%)	Phenotype (0-9)
LA18198C-58-3	18.1	–	3.0	6.0	0.0	3	2.1
FL180013-075	17.7	–	4.5	4.5	0.0	0	2.3
LA16071BSP-1	17.2	–	5.0	3.5	0.0	40	2.1
GO WHEAT 600	**16.1**	**–**	**4.0**	**2.0**	**1.0**	**55**	**2.1**
FLLA16124LDH	14.0	–	4.0	4.5	0.0	58	2.4
LA16049C-27-3-3-2	13.3	–	4.0	2.5	0.0	23	2.5
AGS 3022	**13.2**	**–**	**4.0**	**5.5**	**0.0**	**45**	**2.5**
TX20D5116	11.7	–	5.0	5.0	0.0	18	2.3
AGRIMAXX 543	**9.6**	**–**	**6.0**	**0.0**	**0.0**	**13**	**2.8**
VA20W-142	3.4	–	5.5	0.0	3.0	3	2.8
MEAN	**31.5**	**55.1**	**4.8**	**1.3**	**0.7**	**12.1**	**2.5**
CV%	**28**	**1**	**10**	**54**	**134**	**97**	**17**
LSD (0.10)	**12.4**	**0.9**	**0.8**	**1.2**	**1.5**	**19.8**	**0.5**
R-SQUARE	**0.81**	**0.95**	**0.87**	**0.94**	**0.80**	**0.85**	**0.98**

Somerset Plantation, Newellton, Louisiana. *Stephen Harrison, Noah DeWitt, Kelly Arceneaux, Steven Abernathy and Katie Fontenot.*
Bold: *"Brand/Variety" indicates the entry is commercially available; others are nonreleased breeding lines.*
Phenotype: *A visual appeal rating with a higher score indicating a prettier plot.*
Cultural Practices: *Planted Nov. 5, 2025. Harvested on May 18, 2026. Metribuzin 3.7 oz/acre on Feb. 7, 2025. Fertilized on Feb. 28, 2026 with 80 #N/acre.*

Table 11. Wheat performance trial at Winnsboro for 2026 (with and without fungicide).

Brand/Variety	Grain Yield (bu/a) Fung	Grain Yield (bu/a) No Fung	Grain Yield (bu/a) Diff	Test Weight (lbs/bu) Fung	Test Weight (lbs/bu) No Fung	Test Weight (lbs/bu) Diff	Freeze Damage (0-9) No Fung	Head Day (of year) No Fung	Lodging (0-9) No Fung	Lodging (0-9) Fung	Leaf Rust (%)	Phenotype (0-9)
18VTK10-23	106.7	103.2	3.6	57.7	58.5	-0.8	0.0	90.0	5.0	4.7	0	6.0
VA20W-142	111.8	92.9	19.0	49.9	50.6	-0.6	0.0	88.3	8.3	8.7	0	6.5
GA17034ID-22-3-5-23LE29	89.0	91.9	-2.9	55.9	57.4	-1.5	0.0	89.0	5.0	6.7	0	6.5
LA19333-NDH31	**100.8**	**89.6**	**11.2**	**57.2**	**56.0**	**1.2**	**1.0**	**88.7**	**4.0**	**4.7**	**0**	**5.5**
LA18023C-1-3	93.3	89.4	3.9	58.8	57.6	1.2	1.5	88.0	3.7	3.0	0	5.5
SCNC15305-43	101.2	88.8	12.5	51.7	51.1	0.6	0.0	.	5.7	7.0	0	5.0
VA22W-201	99.8	86.9	12.9	53.7	52.7	1.0	0.0	86.3	6.3	6.7	1	5.5
AGRIMAXX 492	**83.0**	**86.2**	**-3.2**	**57.0**	**57.0**	**0.0**	**0.0**	**88.7**	**5.7**	**5.7**	**0**	**5.5**
SC22W281	99.1	86.2	12.9	57.8	56.7	1.1	2.0	88.7	4.0	3.0	0	5.0
18VTK10-188	99.9	86.2	13.8	57.4	56.5	1.0	0.0	89.0	3.3	2.7	0	6.0
GA16388-8-3-7-23LE6	98.2	83.2	15.1	56.4	57.8	-1.5	0.0	88.3	3.7	4.0	6	5.0
SCLA18290LDH-008	86.5	82.6	3.8	56.1	56.1	0.0	0.5	84.7	2.7	2.0	0	5.0
SC22W198	87.3	82.0	5.3	54.7	56.1	-1.4	2.5	85.0	2.7	1.0	2	4.5
AGS 3518	**101.2**	**79.8**	**21.4**	**59.1**	**57.9**	**1.2**	**1.0**	**84.3**	**1.0**	**0.3**	**2**	**6.0**
LA20103NCDH-04	83.6	75.7	7.9	53.3	53.7	-0.4	1.0	85.7	6.7	6.0	0	4.5
GA161058-13-4-6-23E14	80.1	74.5	5.7	55.7	57.4	-1.8	1.0	83.3	0.3	2.0	5	5.5
AGRIMAXX 564	**98.2**	**74.2**	**24.0**	**56.6**	**55.6**	**1.0**	**2.0**	**86.7**	**1.3**	**2.7**	**0**	**5.5**
AGS 4043	**71.6**	**73.9**	**-2.3**	**55.8**	**57.3**	**-1.6**	**1.5**	**82.7**	**2.7**	**2.7**	**0**	**5.0**
18VTK9-68	79.5	71.3	8.2	57.9	54.5	3.5	2.5	85.7	5.3	2.0	0	4.0
AGRIMAXX 543	**102.5**	**70.7**	**31.7**	**51.8**	**53.3**	**-1.4**	**0.0**	**90.0**	**5.3**	**5.3**	**7**	**6.0**
LA17046SB-2-2-2	82.1	68.6	13.6	50.6	53.5	-2.8	1.5	86.0	2.7	4.0	0	5.5
LAAR15172W-42-1-3-1-3	50.9	54.0	-3.1	49.6	49.7	-0.1	4.0	81.7	1.0	1.7	1	5.0
LA16076C-6-2-3	55.6	51.2	4.5	48.5	48.9	-0.4	4.0	82.0	0.3	0.3	0	4.5
SCLA19WF2110	71.7	49.6	22.1	56.9	56.5	0.4	3.0	85.0	3.0	2.3	53	4.0
GA161243-15-5-8-23E47	53.0	49.5	3.5	52.8	50.8	2.0	5.0	81.0	0.3	1.0	0	4.5

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Table 11. Wheat performance trial at Winnsboro for 2026 (with and without fungicide). (cont.)

Brand/Variety	Grain Yield (bu/a) Fung	Grain Yield (bu/a) No Fung	Grain Yield (bu/a) Diff	Test Weight (lbs/bu) Fung	Test Weight (lbs/bu) No Fung	Test Weight (lbs/bu) Diff	Freeze Damage (0-9) No Fung	Head Day (of year) No Fung	Lodging (0-9) No Fung	Lodging (0-9) Fung	Leaf Rust (%)	Phenotype (0-9)
LA17006-LDH042	45.9	46.9	-1.0	59.3	47.4	11.9	4.5	80.3	2.7	0.7	2	4.0
TX20D5145	63.4	44.0	19.4	47.9	45.4	2.5	4.0	85.7	2.3	4.0	1	4.0
LA18003-NDH119	55.5	42.5	13.0	58.3	50.1	8.2	4.0	82.7	2.3	1.7	0	4.0
TX21D6180	49.8	42.3	7.5	58.6	52.2	6.4	4.5	82.0	1.0	0.0	0	4.0
LA16049C-27-3-3-2	38.2	37.4	0.8	–	–	–	4.0	82.3	1.7	1.3	8	4.0
LA15093SB-30-3-3	35.5	35.6	-0.1	–	43.2	–	5.0	80.7	1.7	2.3	0	3.0
GO WHEAT 6000	**41.3**	**32.4**	**8.9**	**54.1**	**–**	**–**	**5.5**	**81.0**	**2.3**	**2.3**	**17**	**3.5**
TX20D5116	49.5	29.5	20.0	56.5	–	–	5.5	81.3	2.0	1.3	45	3.0
FLLA16124LDH-51	36.5	28.7	7.8	50.2	–	–	5.0	81.0	0.3	0.3	22	4.0
GA18117-58NCDH-23E37F	30.3	27.8	2.4	–	–	–	6.0	81.0	0.0	0.0	0	4.0
AGS 3022	**28.0**	**25.6**	**2.4**	**–**	**–**	**–**	**5.5**	**83.0**	**0.7**	**0.0**	**13**	**4.0**
LA18198C-58-3	33.0	24.1	8.9	–	–	–	6.5	81.3	0.3	1.0	0	3.5
LA16071BSP-17-4-1	32.4	24.1	8.3	–	–	–	5.0	81.3	0.7	0.7	7	4.0
FL180013-075	28.0	19.9	8.0	–	–	–	6.0	81.0	1.3	2.7	0	3.5
LAVT19VDH-FHB-MAS11-10	15.0	11.5	3.5	–	–	–	7.5	73.3	0.7	1.0	8	2.5
MEAN	**69.94**	**60.11**	**9.83**	**54.65**	**54.39**	**0.26**	**2.74**	**84.27**	**2.76**	**2.76**	**5.44**	**4.65**
CV%	**14**	**12**	**–**	**4**	**3**	**–**	**26**	**2**	**54**	**54**	**80**	**11**
LSD (0.10)	**13.09**	**9.44**	**–**	**3.75**	**2.63**	**–**	**1.20**	**2.82**	**2.01**	**2.01**	**5.93**	**0.85**
R-SQUARE	**0.93**	**0.95**	**–**	**0.80**	**0.89**	**–**	**0.95**	**0.82**	**0.75**	**0.75**	**0.91**	**0.89**

Macon Ridge Research Station, Winnsboro, Louisiana. *Trey Price, Myra Purvis, Dustin Ezell and Brady McKay.*
Bold: *"Brand/Variety" indicates the entry is commercially available; others are nonreleased breeding lines.Freeze Damage: A 0-9 visual rating of freeze damage.*
Freeze Damage: *A 0-9 visual rating of freeze damage.*
Lodging: *Lodging score, scale of 0=none to 9=100% lodged.*
Phenotype: *A visual appeal rating with a higher score indicating a prettier plot. Average of three ratings in spring.*
Cultural Practices: *Planted Nov. 4, 2025. Harvested on May 14, 2026. Axial Bold 15oz/A on Feb. 11, 2026. Miravis Ace 13.7 oz/acre on March 20, 2026 and March 30, 2026. Preplant P&K&S 90,90, & 20 #/acre on Oct. 31, 2025. Fertilized on Feb. 10, 2026 and Feb. 23, 2026 with 50 #N/acre.*

Table 12. 2026 Oat performance trial at Alexandria, Louisiana, for 2026.

Brand/Variety	Head Day (of year)	Plant Height (in)	Growth Habit (0-9)	Leafiness/Biomass (0-9)	Freeze Damage (0-9)	Stem Rust (%)
BUCK	**81.0**	**52.5**	**5.0**	**6.0**	**3.0**	**2.0**
COKER 833	**85.0**	**48.8**	**7.3**	**6.0**	**3.5**	**2.0**
HORIZON 306	**85.0**	**47.5**	**5.0**	**4.7**	**3.5**	**1.5**
HORIZON 578	**83.0**	**47.0**	**6.7**	**4.3**	**3.0**	**2.0**
LA17089SBS-33-2	82.0	47.0	7.3	4.7	3.3	1.0
LA17089SBS-45-1-1	84.5	53.8	7.3	4.0	3.5	0.5
LA17129SBSS-8-1	79.0	39.0	4.3	4.3	3.0	0.0
LA17153SBSS-46-1	86.0	53.0	5.0	5.0	3.0	0.0
LA18034SSB-7-1	83.0	49.0	4.3	5.7	3.3	0.0
LA18110SSB-33-1	83.5	45.5	4.0	5.7	3.0	0.0
LA18120SSB-10-2	89.5	44.3	5.3	6.0	3.0	4.0
LA18151SSB-18-2	75.0	42.8	6.3	5.0	3.0	.
LA18151SSB-22-2-1	71.0	49.3	5.7	4.3	3.0	2.0
LA18155SSB-20-2	84.0	48.0	5.0	5.0	3.3	1.0
LA20050SBSB-1-1	66.0	45.8	3.7	6.7	3.0	3.0
LA20053SBSB-27-1	83.0	40.0	5.7	4.7	3.0	0.5
LA20053SBSB-27-2	85.5	48.0	6.0	5.3	3.0	0.0
LA99016 CK	**83.0**	**50.0**	**6.3**	**6.3**	**3.3**	**3.5**
RAM11019	**82.5**	**45.0**	**5.3**	**5.0**	**3.0**	**2.0**
TX18OCS9028	82.0	44.0	6.3	5.3	3.0	0.5
TX18OCS9061	68.5	48.0	4.3	6.3	3.0	1.0
TX18OCS9125	82.5	40.0	7.3	6.3	3.3	0.0
TX21CAS2038	86.5	49.5	6.0	6.3	3.0	1.5
TX21CAS2064	85.0	54.3	4.3	6.3	3.3	0.0
MEAN	**81.5**	**47.2**	**5.6**	**5.4**	**3.1**	**1.2**
CV%	**2**	**8**	**15**	**13**	**3**	**61**
LSD (0.10)	**2.3**	**1.7**	**1.7**	**1.0**	**0.3**	**1.4**
R-SQUARE	**0.97**	**0.71**	**0.74**	**0.66**	**0.68**	**0.85**

Dean Lee Research Station, Alexandria, Louisiana. *Boyd Padgett, Tashia Monaghan and Daniel Stephenson.*
Growth Habit: *A visual rating of upright spring (3) versus a prostrate inter-growth habit (8).*
Leafiness/Biomass: *An indication of the relative amount of leaf biomass produced by a variety on a 0=low to 9=very high scale.*
Freeze Damage: *A 0-9 visual rating of freeze damage.*
Cultural Practices: *Planted Nov. 4, 2026. Not harvested as a result of severe lodging due to excessive rainfall after maturity.*

Table 13. Oat performance trial at Baton Rouge, Louisiana, for 2026.

Brand/Variety	Growth Habit (0-9)	Winter Stress (0-9)	Leafiness/Biomass (0-9)	Head Day (of year)	Crown Rust (%)	Phenotype (0-9)
LA17129SBSS-8-1	3.8	4.0	3.8	78.3	0	4.0
LA17153SBSS-46-1	6.3	5.0	5.0	91.7	0	5.3
LA17089SBS-45-1-1	6.5	4.5	5.0	91.3	3	5.5
LA18034SSB-7-1	5.0	5.0	5.0	85.0	4	5.5
TX18OCS9028	5.3	3.0	5.0	88.0	4	6.0
TX18OCS9061	4.8	4.0	5.0	83.3	4	5.5
LA20053SBSB-27-2	6.0	3.0	6.5	91.7	5	6.0
LA20050SBSB-1-1	3.3	2.0	4.8	75.0	6	4.5
LA18110SSB-33-1	4.0	4.5	5.3	81.3	8	4.8
LA18151SSB-22-2-1	4.3	2.5	4.3	79.0	8	4.0
LA18155SSB-20-2	4.5	4.5	6.0	88.0	8	5.5
COKER 833	**6.8**	**3.5**	**5.3**	**92.7**	**13**	**5.5**
LA18120SSB-10-2	6.3	3.0	6.3	94.0	13	5.8
LA18151SSB-18-2	4.3	3.0	4.8	82.3	13	4.3
RAM11019	**4.8**	**4.0**	**5.5**	**85.0**	**13**	**5.3**
BUCK	**5.0**	**5.5**	**5.5**	**85.3**	**15**	**5.8**
LA17089SBS-33-2	6.0	3.5	5.3	86.0	15	5.5
LA20053SBSB-27-1	6.3	3.0	5.8	92.0	18	5.5
TX18OCS9125	6.3	5.0	5.3	90.7	23	5.8
TX21CAS2064	5.8	3.0	5.3	92.7	33	5.0
TX21CAS2038	5.8	3.5	4.5	92.0	35	5.0
HORIZON 578	**6.0**	**2.0**	**5.3**	**87.7**	**60**	**4.8**
LA99016 CK	**5.3**	**4.0**	**5.5**	**87.0**	**63**	**5.0**
HORIZON 306	**4.8**	**4.0**	**5.5**	**91.7**	**70**	**5.3**
MEAN	**5.3**	**3.7**	**5.2**	**87.2**	**18**	**5.2**
CV%	**9**	**23**	**9**	**1**	**55**	**9**
LSD (0.10)	**0.8**	**1.5**	**0.8**	**1.5**	**16.8**	**0.8**
R-SQUARE	**0.90**	**0.71**	**0.76**	**0.97**	**0.89**	**0.75**

Central Stations, Baton Rouge, Louisiana. *Steve Harrison, Kelly Arceneaux, Steven Abernathy, Katie McCarth Fontenot and Noah DeWitt.*
Growth Habit: *A visual rating of upright spring (3) versus a prostrate inter-growth habit (8).*
Winter Stress: *A measure of chlorophyll loss in oats with prolonged exposure to wet, cold soils on a 0-9 scale.*
Leafiness/Biomass: *A visual rating of forage production (tillering and leaf production) potential on a 0-9 scale.*
Cultural: *Severe lodging due to excessive rainfall after maturity prevented harvest.*

Table 14. Deer preference of oat performance trial entries at Clinton for 2026.

DESIG	Deer Use Jan. 6 (0-9)	Deer Use Jan. 29 (0-9)	Deer Use Feb. 19 (0-9)	Deer Use Mean	Growth Habit (0-9)	Leafiness/Biomass (0-9)	Freeze Damage Jan. 29 (0-9)
TX18OCS9125	7.3	8.0	7.7	7.7	5.2	5.2	0.3
HORIZON 306	**7.0**	**7.3**	**7.3**	**7.2**	**4.8**	**4.6**	**0.8**
LA18151SSB-18-2	6.7	7.0	6.7	6.8	5.7	4.1	2.2
HORIZON 578	**6.0**	**6.0**	**7.0**	**6.3**	**5.6**	**4.3**	**0.7**
LA17089SBS-33-2	4.0	6.0	7.0	5.7	6.0	4.7	0.2
LA20053SBSB-27-2	3.0	5.7	6.0	4.9	5.0	4.9	2.0
TX18OCS9028	4.0	5.0	5.7	4.9	5.4	3.4	1.8
COKER 833	**3.0**	**4.3**	**6.3**	**4.6**	**6.1**	**4.9**	**2.2**
LA20053SBSB-27-1	1.7	5.7	6.0	4.4	5.0	5.2	1.0
TX21CAS2038	3.0	4.3	6.0	4.4	5.3	3.9	1.2
LA18151SSB-22-2-1	4.3	3.0	5.0	4.1	5.3	3.8	2.5
TX21CAS2064	2.3	4.0	5.7	4.0	5.4	4.6	1.5
LA20050SBSB-1-1	3.7	4.3	3.7	3.9	4.4	4.3	3.5
LA18120SSB-10-2	1.0	4.7	5.7	3.8	4.7	5.0	2.5
TX18OCS9061	2.0	4.3	4.0	3.4	4.6	5.0	3.8
LA17153SBSS-46-1	0.7	4.0	5.0	3.2	4.8	5.2	2.2
LA17089SBS-45-1-1	1.3	2.3	5.3	3.0	6.2	5.0	2.0
LA18155SSB-20-2	0.0	4.3	4.7	3.0	5.0	5.6	3.0
BROOKS CK	**1.3**	**3.0**	**3.7**	**2.7**	**4.1**	**5.0**	**4.7**
LA99016 CK	**1.0**	**3.3**	**3.7**	**2.7**	**5.0**	**4.7**	**2.5**
LA18034SSB-7-1	0.7	2.0	2.3	1.7	5.0	4.1	3.3
RAM11019	**0.0**	**3.3**	**1.7**	**1.7**	**3.8**	**5.7**	**5.0**
LA17129SBSS-8-1	1.0	1.7	0.0	0.9	4.0	4.7	7.0
LA18110SSB-33-1	0.0	0.7	0.0	0.2	3.6	4.3	7.5
MEAN	**2.7**	**4.4**	**4.8**	**4.0**	**5.0**	**4.7**	**2.6**
CV%	**36**	**22**	**17**	**18**	**7**	**10**	**33**
LSD (0.10)	**1.3**	**1.3**	**1.8**	**1.1**	**0.5**	**0.6**	**1.7**
R-SQUARE	**0.89**	**0.87**	**0.91**	**0.97**	**0.85**	**0.72**	**0.90**

Idlewild Research Station, Clinton, Louisiana. *Steve Harrison, Will Forbes, Steven Abernathy and Kelly Arceneaux.*
Deer Use: *Rated on a 0-9 scale with a 0 indicating that deer did not graze a variety at all and a 9 indicating that deer kept a variety grazed back to the ground.*
Growth Habit: *An indication of whether or not a variety grew as an upright spring type (lower number) or a prostrate winter-hardy type (higher number) on a 0-9 scale.*
Leafiness/Biomass: *An indication of the relative amount of leaf biomass produced by a variety on a 0=low to 9=very high scale. Leafiness/Biomass was only rated in January before heavy grazing confounded ratings.*
Freeze Damage: *Rated on a 0-9 scale where 0 indicates no damage and a 9 indicates plants completely killed. A lower growth habit rating results in higher freeze damage.*

Appendix A. Entries in the 2026 Louisiana Agricultural Experiment Station Small Grain Performance Trials.

Wheat Brand/Abbreviation	Variety/Breeding Line	Originating Agency
AgriMAXX	AgriMAXX 492, 543, 564	AgriMAXX Wheat Company 7167 Highbanks Road Mascoutah, IL 62258
AGS	AGS 3022, 3518, 4043	AGSouth Genetics P.O. Box 398 Newton, GA 39870
FL	All numbered FL lines	University of Florida 3105 McCarty Hall B Gainesville, FL 32611
GA	All numbered GA lines	University of Georgia 1109 Experiment St. Griffin, GA 30223
LA	All numbered LA lines	Louisiana State University AgCenter SPESS – LSU 104 MB Sturgis Hall Baton Rouge, LA 70803
SC	All numbered SC lines	Clemson University 2200 Pocket Road Florence, SC 29506
Stratton	Go Wheat 6000	Stratton Seed Co. 1530 Highway 79 South Stuttgart, AR 72160
TX	All numbered TX lines	Texas AgriLife Research TAMU – Commerce, Department of Ag Science Commerce, TX 75429
USG	USG 3437	UniSouth Genetics, Inc. 3205-C Highway 46 South Dickson, TN 37055
VA	All VA numbered lines, 18VTK9-68, 18VTK10-23, 18VTK10-188	Small Grains Breeding and Genetics Virginia Tech 216 Latham Hall 220 Ag Quad Lane Blacksburg VA 24061

Appendix A. Entries in the 2026 Louisiana Agricultural Experiment Station Small Grain Performance Trials. (cont.)

Oat Brand /Abbreviation	Variety/Breeding Line	Originating Agency
AgSouth	Horizon 306	Mixon Seed P.O. Box 398 Newton, GA 39870
FL	All numbered FL lines	University of Florida 3105 McCarty Hall B Gainesville, FL 32611
LA	All numbered LA lines, Buck, Coker 833, Horizon 578, LA99016, RAM 11019	Louisiana Agricultural Experiment Station SPESS – LSU Baton Rouge, LA 70803
TAMO/TX	All numbered TX lines	Texas AgriLife Research TAMU – Commerce, Department of Ag Science Commerce, TX 75429

2026 SMALL GRAIN PERFORMANCE TRIALS

LAES Research Summary No. 234

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