



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

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

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

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

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

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