



**Table 4. Wheat performance trial at Baton Rouge, LA for 2010, with two-year mean yields, sorted by two-year mean yields.**

Brand / variety	Grain Yield		Test Wt	Head Day	Plant Height	SBMV	Stripe Rust	Pheno type	
	2010	rnk							2-Yr
	bu/a		lbs/bu	of yr	in	0-9	%	0-9	
<b>SYNGENTA MAGNOLIA</b>	<b>54.1</b>	<b>4</b>	<b>67.4</b>	<b>55.1</b>	<b>96</b>	<b>36</b>	<b>2.7</b>	<b>1</b>	<b>3.9</b>
LA01110D-150	52.9	5	65.2	55.2	96	35	4.3	0	4.4
<b>DYNA-GRO BALDWIN</b>	<b>51.0</b>	<b>7</b>	<b>65.0</b>	<b>56.7</b>	<b>99</b>	<b>37</b>	<b>3.3</b>	<b>0</b>	<b>4.6</b>
<b>JAMESTOWN</b>	<b>54.6</b>	<b>2</b>	<b>64.3</b>	<b>57.1</b>	<b>95</b>	<b>31</b>	<b>2.7</b>	<b>0</b>	<b>3.6</b>
<b>PIONEER 26R61</b>	<b>50.6</b>	<b>10</b>	<b>62.0</b>	<b>56.8</b>	<b>96</b>	<b>36</b>	<b>2.0</b>	<b>0</b>	<b>4.1</b>
<b>AGS 2035</b>	<b>50.8</b>	<b>8</b>	<b>61.9</b>	<b>56.0</b>	<b>96</b>	<b>37</b>	<b>3.7</b>	<b>0</b>	<b>4.4</b>
LA01110D-84-1	50.2	11	61.7	55.9	92	37	2.0	0	3.9
<b>TERRAL LA841</b>	<b>45.7</b>	<b>17</b>	<b>60.1</b>	<b>53.9</b>	<b>96</b>	<b>32</b>	<b>4.0</b>	<b>3</b>	<b>5.3</b>
<b>SYNGENTA COKER 9553</b>	<b>56.3</b>	<b>1</b>	<b>59.8</b>	<b>57.0</b>	<b>98</b>	<b>34</b>	<b>2.0</b>	<b>0</b>	<b>3.6</b>
<b>TERRAL LA821</b>	<b>44.6</b>	<b>20</b>	<b>59.8</b>	<b>55.6</b>	<b>92</b>	<b>35</b>	<b>3.3</b>	<b>10</b>	<b>4.8</b>
LA01110D-84-2	47.6	15	59.1	55.8	94	33	3.7	0	4.3
<b>DYNA-GRO OGLETHORPE</b>	<b>40.3</b>	<b>32</b>	<b>57.9</b>	<b>55.0</b>	<b>95</b>	<b>33</b>	<b>3.3</b>	<b>0</b>	<b>4.6</b>
<b>USG 3120</b>	<b>51.6</b>	<b>6</b>	<b>56.1</b>	<b>56.7</b>	<b>93</b>	<b>35</b>	<b>3.3</b>	<b>9</b>	<b>4.1</b>
<b>PROGENY 117</b>	<b>40.4</b>	<b>31</b>	<b>55.9</b>	<b>55.2</b>	<b>93</b>	<b>32</b>	<b>2.3</b>	<b>5</b>	<b>5.6</b>
<b>AGS 2026</b>	<b>39.3</b>	<b>34</b>	<b>55.6</b>	<b>54.7</b>	<b>96</b>	<b>34</b>	<b>2.3</b>	<b>1</b>	<b>4.4</b>
<b>DELTA KING DKX909</b>	<b>41.5</b>	<b>26</b>	<b>55.3</b>	<b>55.1</b>	<b>96</b>	<b>28</b>	<b>5.3</b>	<b>20</b>	<b>5.7</b>
<b>SYNGENTA 9700</b>	<b>33.4</b>	<b>40</b>	<b>54.2</b>	<b>56.2</b>	<b>94</b>	<b>31</b>	<b>3.0</b>	<b>1</b>	<b>5.3</b>
<b>AGS 2060</b>	<b>40.5</b>	<b>29</b>	<b>52.9</b>	<b>57.5</b>	<b>92</b>	<b>32</b>	<b>4.0</b>	<b>16</b>	<b>5.7</b>
LA01139D-56-1	33.9	39	52.1	55.9	94	26	5.3	48	7.1
<b>DELTA KING DK9108</b>	<b>35.2</b>	<b>38</b>	<b>48.6</b>	<b>53.6</b>	<b>96</b>	<b>37</b>	<b>4.0</b>	<b>1</b>	<b>5.4</b>
<b>DELTA KING DK9577</b>	<b>40.6</b>	<b>27</b>	<b>40.6</b>	<b>53.5</b>	<b>100</b>	<b>34</b>	<b>3.0</b>	<b>8</b>	<b>5.4</b>
<b>SYNGENTA ARCADIA</b>	<b>54.3</b>	<b>3</b>		<b>57.8</b>	<b>93</b>	<b>34</b>	<b>3.3</b>	<b>4</b>	<b>4.3</b>
LA01139D-86-6-2	50.6	9		56.0	95	35	4.3	0	4.6
TERRAL TVX8861	50.1	12		55.3	102	33	3.7	1	4.8
GA-001170-7E26	47.9	13		56.9	97	33	4.0	2	4.4
<b>USG 3201</b>	<b>47.7</b>	<b>14</b>		<b>56.0</b>	<b>103</b>	<b>30</b>	<b>3.3</b>	<b>0</b>	<b>4.9</b>
LA01145D-123-5-C	46.9	16		52.9	97	32	5.0	0	5.0
<b>PROGENY 125</b>	<b>44.8</b>	<b>18</b>		<b>53.1</b>	<b>97</b>	<b>32</b>	<b>3.0</b>	<b>1</b>	<b>4.5</b>
<b>DELTA GROW 8300</b>	<b>44.7</b>	<b>19</b>		<b>55.4</b>	<b>103</b>	<b>33</b>	<b>1.7</b>	<b>1</b>	<b>4.8</b>
JGL60172	44.1	21		53.3	103	31	2.0	0	4.3
LA01034D-42-3-C	43.8	22		53.6	96	31	4.0	3	4.6
<b>USG 3438</b>	<b>43.0</b>	<b>23</b>		<b>53.2</b>	<b>103</b>	<b>32</b>	<b>3.0</b>	<b>0</b>	<b>3.9</b>
ARX9304	42.4	24		53.9	102	31	1.7	9	5.2
<b>DELTA GROW 5000</b>	<b>41.6</b>	<b>25</b>		<b>52.7</b>	<b>97</b>	<b>31</b>	<b>2.7</b>	<b>1</b>	<b>5.1</b>
<b>SYNGENTA OAKES</b>	<b>40.6</b>	<b>28</b>		<b>56.5</b>	<b>103</b>	<b>32</b>	<b>3.0</b>	<b>5</b>	<b>5.2</b>
JGL51585	40.4	30		55.8	103	34	1.3	0	4.7
LA01029D-139-3-C	40.3	33		54.7	97	35	2.7	16	4.7
GA-031238-7E34	38.8	35		54.4	99	28	2.0	19	5.8
TERRAL TVX8581	36.4	36		54.8	93	33	3.3	14	5.9
JGL72562	35.9	37		52.2	104	32	3.0	2	5.4
LA01139D-56-7-3	28.7	41		55.8	94	27	5.3	58	7.3
<b>DELTA GROW 5900</b>	<b>27.6</b>	<b>42</b>		<b>57.7</b>	<b>104</b>	<b>30</b>	<b>2.7</b>	<b>12</b>	<b>6.2</b>
<b>Mean</b>	<b>44.0</b>		<b>58.0</b>	<b>55.2</b>	<b>97</b>	<b>32</b>	<b>3.2</b>	<b>6</b>	<b>4.9</b>
<b>CV%</b>	<b>12</b>		<b>11</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>40</b>	<b>76</b>	<b>9</b>
<b>LSD (0.10)</b>	<b>6.4</b>		<b>NS</b>	<b>0.6</b>	<b>2</b>	<b>3</b>	<b>1.7</b>	<b>8</b>	<b>0.8</b>

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**Cultural and Site:** Planted 11-8-2009. Harvested 5-22-2010. 11-43-43-16S preplant fertilizer. 50-0-0 + 40-0-0 topdress N. Amber plus Harmony Extra herbicides used. Very wet (~20" rain) January - February reduced tillering. Very dry March - April (1.2" rain) hastened maturity and resulted in low test weights.

**SBMV** is soilborne mosaic virus. 0 = none, 9 = severe leaf chlorosis.

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

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