



**Table 1. Wheat performance trial across North Louisiana (St. Joseph and Winnsboro) 2012.**

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Heading day of yr	Plant Ht in	Lod score 0-9	Leaf Rust %	Leaf <sup>*1</sup> Blotch 0-9	Pheno type 0-9
<b>PIIONEER XW10T</b>	<b>71.6</b>	<b>57.2</b>	<b>86</b>	<b>37</b>	<b>0.1</b>	<b>0</b>	<b>1.0</b>	<b>4.1</b>
<b>PIIONEER 26R87</b>	<b>69.8</b>	<b>59.3</b>	<b>79</b>	<b>36</b>	<b>0.5</b>	<b>0</b>	<b>2.5</b>	<b>4.4</b>
<b>USG 3120</b>	<b>69.3</b>	<b>58.7</b>	<b>76</b>	<b>37</b>	<b>1.5</b>	<b>0</b>	<b>1.5</b>	<b>3.4</b>
LA04041D-85	68.9	57.1	76	32	0.3	0	3.0	3.6
ARX1133	68.9	55.8	90	36	0.5	2	1.0	5.3
<b>AGS 2056</b>	<b>68.5</b>	<b>55.2</b>	<b>91</b>	<b>36</b>	<b>0.1</b>	<b>7</b>	<b>1.0</b>	<b>4.5</b>
EXP32110	68.0	56.0	86	37	1.0	0	1.5	4.6
<b>PROGENY 870</b>	<b>67.6</b>	<b>54.5</b>	<b>90</b>	<b>35</b>	<b>0.4</b>	<b>7</b>	<b>4.0</b>	<b>4.8</b>
<b>PIIONEER XW10V</b>	<b>67.4</b>	<b>57.6</b>	<b>89</b>	<b>35</b>	<b>0.4</b>	<b>2</b>	<b>1.5</b>	<b>4.3</b>
<b>AGS 2060</b>	<b>66.7</b>	<b>58.9</b>	<b>78</b>	<b>36</b>	<b>1.9</b>	<b>0</b>	<b>4.5</b>	<b>4.6</b>
<b>JAMESTOWN</b>	<b>65.8</b>	<b>59.6</b>	<b>77</b>	<b>35</b>	<b>0.8</b>	<b>1</b>	<b>4.5</b>	<b>4.1</b>
<b>USG 3555</b>	<b>65.7</b>	<b>56.3</b>	<b>80</b>	<b>33</b>	<b>0.4</b>	<b>0</b>	<b>1.0</b>	<b>4.5</b>
PROGENY PGX 11-8	65.5	57.0	87	37	0.5	8	2.0	4.6
<b>DIXIE KELSEY</b>	<b>65.1</b>	<b>57.5</b>	<b>88</b>	<b>37</b>	<b>0.8</b>	<b>23</b>	<b>1.0</b>	<b>5.1</b>
<b>AGS 2038</b>	<b>64.7</b>	<b>58.0</b>	<b>80</b>	<b>40</b>	<b>0.6</b>	<b>0</b>	<b>2.5</b>	<b>4.1</b>
<b>SYNGENTA ARCADIA</b>	<b>64.4</b>	<b>57.8</b>	<b>76</b>	<b>38</b>	<b>0.8</b>	<b>0</b>	<b>3.0</b>	<b>4.1</b>
DYNA-GRO 9171	64.4	54.9	89	37	0.6	9	1.0	4.8
<b>DYNA-GRO BALDWIN</b>	<b>64.3</b>	<b>57.9</b>	<b>85</b>	<b>41</b>	<b>0.0</b>	<b>0</b>	<b>3.5</b>	<b>4.5</b>
VA05W-151	64.2	56.2	84	36	3.3	1	1.5	4.4
<b>AGS 2035</b>	<b>63.5</b>	<b>57.8</b>	<b>77</b>	<b>40</b>	<b>1.0</b>	<b>0</b>	<b>4.0</b>	<b>4.0</b>
<b>TERRAL TV8535</b>	<b>63.2</b>	<b>55.0</b>	<b>90</b>	<b>34</b>	<b>0.4</b>	<b>3</b>	<b>1.0</b>	<b>4.9</b>
LA05130D-P5	63.1	58.1	80	34	1.1	0	3.0	3.9
<b>USG 3201</b>	<b>63.1</b>	<b>58.3</b>	<b>89</b>	<b>34</b>	<b>0.9</b>	<b>12</b>	<b>1.0</b>	<b>4.9</b>
<b>PROGENY 125</b>	<b>63.0</b>	<b>54.3</b>	<b>77</b>	<b>37</b>	<b>1.6</b>	<b>19</b>	<b>4.0</b>	<b>4.0</b>
<b>SYNGENTA HARRISON</b>	<b>62.8</b>	<b>53.4</b>	<b>89</b>	<b>34</b>	<b>0.3</b>	<b>29</b>	<b>1.0</b>	<b>4.4</b>
<b>DELTA GROW 7500</b>	<b>62.6</b>	<b>55.3</b>	<b>91</b>	<b>36</b>	<b>0.0</b>	<b>8</b>	<b>1.0</b>	<b>5.1</b>
<b>DIXIE MCALISTER</b>	<b>61.3</b>	<b>54.7</b>	<b>90</b>	<b>35</b>	<b>0.0</b>	<b>10</b>	<b>1.0</b>	<b>4.6</b>
<b>TERRAL TV8848</b>	<b>61.3</b>	<b>54.3</b>	<b>89</b>	<b>36</b>	<b>1.3</b>	<b>13</b>	<b>1.0</b>	<b>4.8</b>
ARX1109	61.3	54.9	89	33	0.9	10	1.0	4.8
LA01110D-150	61.0	56.5	77	37	1.3	0	3.5	3.9
<b>DELTA GROW 5000</b>	<b>60.6</b>	<b>55.4</b>	<b>77</b>	<b>38</b>	<b>1.1</b>	<b>5</b>	<b>3.5</b>	<b>5.0</b>
LA02024E12	60.1	57.5	76	41	0.8	0	3.5	3.4
<b>PIIONEER 26R10</b>	<b>60.1</b>	<b>53.2</b>	<b>90</b>	<b>36</b>	<b>0.6</b>	<b>19</b>	<b>1.5</b>	<b>4.0</b>
<b>PROGENY 117</b>	<b>59.9</b>	<b>56.5</b>	<b>78</b>	<b>42</b>	<b>2.4</b>	<b>23</b>	<b>3.5</b>	<b>4.5</b>
<b>USG 3438</b>	<b>59.6</b>	<b>54.4</b>	<b>90</b>	<b>34</b>	<b>0.3</b>	<b>2</b>	<b>1.0</b>	<b>4.6</b>
EXP32111	59.5	54.5	87	35	0.6	33	1.0	4.3
<b>TERRAL LA841</b>	<b>59.0</b>	<b>55.2</b>	<b>76</b>	<b>34</b>	<b>2.1</b>	<b>0</b>	<b>4.5</b>	<b>3.4</b>
<b>DELTA GROW 8600</b>	<b>59.0</b>	<b>56.6</b>	<b>90</b>	<b>37</b>	<b>0.9</b>	<b>22</b>	<b>1.0</b>	<b>4.9</b>
<b>TERRAL TV8861</b>	<b>58.8</b>	<b>55.4</b>	<b>91</b>	<b>37</b>	<b>2.0</b>	<b>14</b>	<b>1.0</b>	<b>4.5</b>
EXP31113	58.0	53.2	89	39	2.4	42	1.0	4.4
EPX32112	57.5	50.4	87	40	1.1	0	1.0	4.8
LA04110D-7	56.9	58.6	76	39	1.5	0	4.0	4.1
<b>TERRAL TV8525</b>	<b>56.8</b>	<b>56.2</b>	<b>86</b>	<b>41</b>	<b>1.3</b>	<b>42</b>	<b>2.0</b>	<b>4.4</b>
VA08W-294	56.7	56.3	80	35	1.0	0	3.0	4.1
LA04026D-7	56.7	58.2	77	37	3.3	0	4.0	4.9
LA95135	56.4	56.4	82	38	1.8	0	2.0	4.1
<b>ARMOR RAMPAGE</b>	<b>56.3</b>	<b>51.6</b>	<b>84</b>	<b>39</b>	<b>2.1</b>	<b>21</b>	<b>1.5</b>	<b>4.3</b>
<b>SYNGENTA COKER 9553</b>	<b>56.2</b>	<b>58.3</b>	<b>79</b>	<b>37</b>	<b>1.4</b>	<b>1</b>	<b>3.0</b>	<b>3.8</b>
<b>PIIONEER 26R61</b>	<b>55.9</b>	<b>58.3</b>	<b>79</b>	<b>38</b>	<b>0.0</b>	<b>0</b>	<b>4.0</b>	<b>4.4</b>
<b>USG 3251</b>	<b>54.9</b>	<b>54.4</b>	<b>91</b>	<b>44</b>	<b>0.4</b>	<b>27</b>	<b>1.0</b>	<b>4.9</b>



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Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Heading day of yr	Plant Ht in	Lod score 0-9	Leaf Rust %	Leaf <sup>*1</sup> Blotch 0-9	Pheno type 0-9
LA02015E58	54.6	58.1	75	40	1.0	0	5.0	3.5
<b>TERRAL LA821</b>	<b>54.5</b>	<b>57.5</b>	<b>74</b>	<b>37</b>	<b>1.9</b>	<b>0</b>	<b>4.0</b>	<b>4.0</b>
ARX1107	54.4	53.4	88	40	1.4	76	1.5	5.0
<b>PROGENY 185</b>	<b>54.0</b>	<b>55.2</b>	<b>87</b>	<b>43</b>	<b>0.3</b>	<b>8</b>	<b>1.5</b>	<b>5.0</b>
USG 3562	54.0	56.0	91	36	0.5	26	1.0	4.3
GA021245-9E16	54.0	57.1	75	38	0.8	0	5.0	4.8
<b>DIXIE EXP 1112</b>	<b>53.6</b>	<b>52.4</b>	<b>89</b>	<b>40</b>	<b>2.5</b>	<b>49</b>	<b>1.0</b>	<b>4.9</b>
<b>DYNA-GRO OGLETHORPE</b>	<b>53.3</b>	<b>54.2</b>	<b>77</b>	<b>34</b>	<b>2.4</b>	<b>0</b>	<b>2.5</b>	<b>3.5</b>
<b>AGS 2026</b>	<b>53.1</b>	<b>56.2</b>	<b>77</b>	<b>37</b>	<b>3.3</b>	<b>0</b>	<b>2.5</b>	<b>3.8</b>
LA02015E201	52.7	58.1	73	38	1.3	0	5.0	4.0
<b>DELTA GROW 7900</b>	<b>52.5</b>	<b>58.4</b>	<b>88</b>	<b>36</b>	<b>3.3</b>	<b>14</b>	<b>3.0</b>	<b>5.1</b>
<b>SYNGENTA MAGNOLIA</b>	<b>51.0</b>	<b>55.8</b>	<b>80</b>	<b>34</b>	<b>1.3</b>	<b>44</b>	<b>6.0</b>	<b>5.0</b>
<b>DELTA GROW 7300</b>	<b>48.7</b>	<b>50.2</b>	<b>91</b>	<b>34</b>	<b>1.1</b>	<b>23</b>	<b>1.0</b>	<b>4.8</b>
<b>RICOCHE</b>	<b>47.4</b>	<b>53.1</b>	<b>92</b>	<b>35</b>	<b>0.5</b>	<b>1</b>	<b>1.0</b>	<b>5.0</b>
LA03045E-4	46.9	55.6	74	37	2.1	0	6.5	4.5
<b>PROGENY PGX 11-14</b>	<b>46.5</b>	<b>52.3</b>	<b>89</b>	<b>40</b>	<b>1.8</b>	<b>64</b>	<b>1.0</b>	<b>4.5</b>
<b>TERRAL TV8626</b>	<b>44.4</b>	<b>53.8</b>	<b>92</b>	<b>34</b>	<b>1.9</b>	<b>49</b>	<b>1.0</b>	<b>4.6</b>
<b>AGS 2052</b>	<b>41.2</b>	<b>49.7</b>	<b>91</b>	<b>37</b>	<b>1.3</b>	<b>43</b>	<b>1.5</b>	<b>5.6</b>
<b>PROGENY 357</b>	<b>39.0</b>	<b>49.3</b>	<b>91</b>	<b>35</b>	<b>1.3</b>	<b>50</b>	<b>1.5</b>	<b>5.0</b>
Mean	59.0	55.7	84	37	1	13	2.3	4.4
CV%	13	2	3	6	118	140	44	17
LSD (0.10)	9.2	1.8	2.0	3.7	1.4	26.0	1.7	0.8

Data from Macon Ridge and Northeast Research Stations. Rick Mascagni, Tafi Brown, Boyd Padgett, and Myra Purvis.

\*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 significant leaf necrosis.

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

NS indicates non-significant differences among varieties