



**Table 9. Wheat performance trial at Winnsboro, LA for 2006, with 2-yr and 3-yr mean yields. Sorted by 2-yr yields.**

Brand / variety	Grain Yield			Test Wt	Head Day	Plant Height	Lod-ging	Sencor damage	Stripe Rust	Leaf Rust	Pheno type	
	2006	2-yr	3-yr									
	bu/a			lbs/bu	of yr	in		%	%	%	0-9	
<b>TERRAL LA482</b>	<b>106.6</b>	<b>1</b>	<b>109.4</b>	<b>103.3</b>	<b>55.8</b>	<b>85</b>	<b>41</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3.0</b>
<b>DELTA KING GR9108</b>	<b>102.7</b>	<b>3</b>	<b>105.9</b>	<b>100.8</b>	<b>56.2</b>	<b>88</b>	<b>42</b>	<b>2</b>	<b>15</b>	<b>0</b>	<b>1</b>	<b>3.5</b>
<b>VIGORO MCINTOSH</b>	<b>94.2</b>	<b>12</b>	<b>102.6</b>	<b>98.5</b>	<b>58.7</b>	<b>88</b>	<b>42</b>	<b>5</b>	<b>14</b>	<b>1</b>	<b>0</b>	<b>4.5</b>
<b>TERRAL LA841</b>	<b>93.9</b>	<b>13</b>	<b>102.0</b>	<b>97.7</b>	<b>57.2</b>	<b>87</b>	<b>41</b>	<b>3</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>3.0</b>
<b>AGRIPRO COKER 9553</b>	<b>99.0</b>	<b>5</b>	<b>101.4</b>		<b>57.5</b>	<b>88</b>	<b>42</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3.5</b>
LA9554D68-3-2-C	99.0	5	99.5		54.8	87	38	2	50	0	0	3.0
<b>AGRIPRO/NATCHEZ</b>	<b>97.4</b>	<b>8</b>	<b>97.6</b>	<b>91.6</b>	<b>54.1</b>	<b>90</b>	<b>44</b>	<b>6</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>6.5</b>
GA951216-2E26	89.8	24	95.3		56.4	88	39	2	10	0	0	3.5
LA95171CA58-3-2-C	92.1	14	94.5		57.0	88	42	5	0	0	0	4.0
GA951079-2E31	84.8	32	93.5		58.3	87	44	6	0	0	0	4.5
<b>PIONEER/26R61</b>	<b>97.6</b>	<b>7</b>	<b>92.4</b>		<b>58.1</b>	<b>87</b>	<b>43</b>	<b>4</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>4.0</b>
LA95135D54-2-3-C	87.2	30	92.3	91.4	59.2	88	41	3	5	0	0	3.5
<b>TERRAL TV8558</b>	<b>87.3</b>	<b>28</b>	<b>91.6</b>		<b>56.6</b>	<b>92</b>	<b>39</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>6.0</b>
<b>DELTA KING 9577</b>	<b>91.3</b>	<b>18</b>	<b>91.3</b>		<b>56.9</b>	<b>90</b>	<b>43</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>3</b>	<b>6.0</b>
<b>AGRIPRO COKER/PANOLA</b>	<b>91.1</b>	<b>21</b>	<b>91.2</b>	<b>90.5</b>	<b>56.9</b>	<b>91</b>	<b>40</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>4.0</b>
<b>TERRAL TV8466</b>	<b>91.3</b>	<b>18</b>	<b>89.0</b>	<b>86.9</b>	<b>53.7</b>	<b>92</b>	<b>42</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>3</b>	<b>6.5</b>
LA97113UC-124-3-B	91.6	16	87.6	85.1	59.1	88	40	3	3	2	0	4.0
<b>AGRIPRO COKER/BERETTA</b>	<b>91.3</b>	<b>17</b>	<b>87.2</b>		<b>52.1</b>	<b>92</b>	<b>36</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>7.0</b>
LA98094BUB-58-5-B	83.0	33	86.8		55.1	85	35	4	5	0	0	4.0
<b>PAT</b>	<b>86.3</b>	<b>31</b>	<b>85.3</b>	<b>82.2</b>	<b>55.1</b>	<b>94</b>	<b>43</b>	<b>1</b>	<b>10</b>	<b>1</b>	<b>1</b>	<b>5.5</b>
<b>DELTA KING 7710</b>	<b>87.4</b>	<b>27</b>	<b>82.8</b>	<b>77.3</b>	<b>54.8</b>	<b>93</b>	<b>43</b>	<b>3</b>	<b>18</b>	<b>0</b>	<b>1</b>	<b>6.0</b>
<b>DELTA GROW 4100</b>	<b>82.4</b>	<b>34</b>	<b>80.2</b>		<b>52.8</b>	<b>93</b>	<b>43</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>7.0</b>
<b>DIXIE 9812</b>	<b>80.2</b>	<b>36</b>	<b>79.9</b>	<b>79.5</b>	<b>55.0</b>	<b>93</b>	<b>43</b>	<b>2</b>	<b>8</b>	<b>0</b>	<b>13</b>	<b>6.5</b>
<b>DELTA KING 7830</b>	<b>71.8</b>	<b>42</b>	<b>73.7</b>	<b>71.2</b>	<b>52.9</b>	<b>93</b>	<b>44</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>10</b>	<b>7.0</b>
<b>DIXIE 9512</b>	<b>72.3</b>	<b>40</b>	<b>72.7</b>		<b>53.4</b>	<b>93</b>	<b>44</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>18</b>	<b>7.0</b>
<b>USG 3350</b>	<b>68.5</b>	<b>45</b>	<b>71.1</b>	<b>70.5</b>	<b>54.1</b>	<b>93</b>	<b>42</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>55</b>	<b>7.0</b>
<b>CROPLAN 554W</b>	<b>52.4</b>	<b>50</b>	<b>46.9</b>		<b>53.2</b>	<b>90</b>	<b>36</b>	<b>2</b>	<b>21</b>	<b>30</b>	<b>8</b>	<b>7.0</b>
<b>AGRIPRO COKER/MAGNOLIA</b>	<b>106.3</b>	<b>2</b>			<b>57.1</b>	<b>88</b>	<b>43</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>0</b>	<b>4.5</b>
<b>CROPLAN 8302</b>	<b>101.2</b>	<b>4</b>			<b>56.3</b>	<b>92</b>	<b>36</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>6.0</b>
<b>VIGORO DOMINION</b>	<b>97.4</b>	<b>8</b>			<b>55.7</b>	<b>88</b>	<b>36</b>	<b>2</b>	<b>5</b>	<b>0</b>	<b>4</b>	<b>4.0</b>
VIGORO WX8501	96.8	10			57.7	90	42	2	0	4	1	6.0
<b>PIONEER 26R87</b>	<b>94.4</b>	<b>11</b>			<b>59.3</b>	<b>88</b>	<b>41</b>	<b>3</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>4.0</b>
<b>AGS 2060</b>	<b>91.8</b>	<b>15</b>			<b>59.7</b>	<b>88</b>	<b>42</b>	<b>5</b>	<b>44</b>	<b>0</b>	<b>0</b>	<b>4.0</b>
GA951395-3A31	91.2	20			56.3	89	37	3	0	2	0	4.5
GA951395-3E25	90.7	22			57.6	89	37	2	8	2	0	5.0
GA96229-3E39	89.9	23			57.1	88	41	3	15	0	0	4.0
<b>FLEMING</b>	<b>89.2</b>	<b>25</b>			<b>54.9</b>	<b>85</b>	<b>34</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>5.5</b>
TERRAL TVX8331	88.8	26			53.6	90	40	2	3	1	3	5.5
GA96229-3A41	87.3	28			57.5	88	40	3	6	0	0	3.5
<b>DIXIE DX989</b>	<b>81.4</b>	<b>35</b>			<b>53.5</b>	<b>93</b>	<b>40</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>4</b>	<b>7.0</b>
<b>DELTA GROW 1600</b>	<b>79.9</b>	<b>37</b>			<b>53.4</b>	<b>93</b>	<b>40</b>	<b>1</b>	<b>4</b>	<b>3</b>	<b>6</b>	<b>6.5</b>
<b>USG 3244</b>	<b>79.1</b>	<b>38</b>			<b>51.3</b>	<b>95</b>	<b>43</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>25</b>	<b>7.0</b>
FL98031	78.2	39			57.2	90	43	4	19	0	0	4.5
TERRAL TVX8660	71.9	41			50.6	95	38	0	0	5	0	7.0
<b>DELTA GROW 5200</b>	<b>70.8</b>	<b>43</b>			<b>53.8</b>	<b>94</b>	<b>42</b>	<b>1</b>	<b>8</b>	<b>4</b>	<b>33</b>	<b>7.0</b>



**Table 9. Wheat performance trial at Winnsboro, LA for 2006, with 2-yr and 3-yr mean yields. Sorted by 2-yr yields.**

Brand / variety	Grain Yield			Test Wt	Head Day	Plant Height	Lod-ging	Sencor damage	Stripe Rust	Leaf Rust	Pheno type
	2006	2-yr	3-yr								
	bu/a			lbs/bu	of yr	in		%	%	%	0-9
TERRAL TVX83H504	70.6	44		51.9	95	42	1	5	0	25	6.5
FL91226	66.3	46		50.1	88	40	2	53	0	3	3.0
LA9415D104-5-2-B-3-B	65.5	47		54.5	85	43	8	3	0	0	4.5
TERRAL TVX8332	65.4	48		52.2	95	42	1	13	0	23	7.0
<b>DIXIE 357</b>	<b>60.6</b>	<b>49</b>		<b>54.2</b>	<b>98</b>	<b>42</b>	<b>1</b>	<b>10</b>	<b>1</b>	<b>18</b>	<b>7.0</b>
<b>USG 3209 *USG</b>					<b>88</b>	<b>37</b>	<b>3</b>	<b>63</b>	<b>10</b>	<b>1</b>	<b>6.0</b>
<b>Mean</b>	<b>85.7</b>	<b>89.0</b>	<b>87.5</b>	<b>55.4</b>	<b>90</b>	<b>40</b>	<b>2</b>	<b>9</b>	<b>2</b>	<b>5</b>	<b>5.2</b>
<b>CV</b>	<b>10</b>	<b>8</b>	<b>8</b>	<b>3</b>	<b>1</b>	<b>5</b>	<b>53</b>	<b>99</b>	<b>90</b>	<b>78</b>	<b>9</b>
<b>LSD</b>	<b>10.5</b>	<b>9.6</b>	<b>7.2</b>	<b>1.7</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>11</b>	<b>2</b>	<b>7</b>	<b>0.8</b>

Macon Ridge Research Station, Winnsboro, LA. HJ Rick Mascagni, Bubba Bell, Boyd Padgett, and Myra Purcell.

**Cultural and Site:** Planting Date: 11/3/05. Harvested: 5/17/05. Fertilizer: 90 lbs Amm. Nitrate(34%) on 2/9/06. Herbicides: 3 oz/acre Sencor 12/12/05.

\*USG 3209 was severely damaged by Sencor herbicide and not yield data is reported.

Some plots were damaged by application of Sencor herbicide at a rate of 3 oz/acre. Injury was delayed for several weeks and probably occurred due to cool damp soils. Estimates are percent chlorosis on January 4. Yields of individual plots with >25% visual damage and those judged to be thin in April were discarded. All entrees except LA9554 include yield data from at least three reps.

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

Phenotype is a relative 'visual appeal' rating that takes into account plant vigor, diseases, etc. 0 = best.