



Table 11. Wheat performance trial at Winnsboro, LA for 2005, with 2-yr and 3-yr mean yields. Sorted by 2-yr yields.

Brand / variety	Grain Yield			Test Wt lbs/bu	Head Day day of yr	Plant Height in	Stripe Rust %	Leaf Rust %	Pheno type 0-9
	2005	2-yr bu/a	3-yr						
LA95181BUB40-1	112.2	101.6	100.0	59.2	84	38	3	12	3.8
<b>VIGORO MCINTOSH</b>	<b>111.1</b>	<b>100.7</b>		<b>61.3</b>	<b>94</b>	<b>39</b>	<b>1</b>	<b>2</b>	<b>3.5</b>
<b>DK GR9108</b>	<b>108.4</b>	<b>100.1</b>		<b>59.0</b>	<b>91</b>	<b>40</b>	<b>4</b>	<b>1</b>	<b>3.5</b>
<b>TERRAL LA841</b>	<b>108.0</b>	<b>99.2</b>	<b>92.4</b>	<b>60.7</b>	<b>89</b>	<b>37</b>	<b>1</b>	<b>0</b>	<b>3.3</b>
LA95135D54-2-3-C	97.3	93.5		60.5	95	38	4	0	3.5
LA95283CA78-1-2-B	89.2	91.8		63.1	84	36	0	2	3.5
<b>AGRIPRO/PANOLA</b>	<b>91.4</b>	<b>90.2</b>	<b>88.3</b>	<b>59.1</b>	<b>94</b>	<b>34</b>	<b>2</b>	<b>30</b>	<b>5.5</b>
LA9560CA22-1	98.0	89.3		62.4	90	42	25	0	3.5
<b>AGRIPRO/NATCHEZ</b>	<b>97.8</b>	<b>88.6</b>	<b>88.4</b>	<b>60.0</b>	<b>99</b>	<b>37</b>	<b>5</b>	<b>0</b>	<b>5.0</b>
LA96140BUA70-2	89.3	85.6	83.2	61.7	89	35	0	3	4.0
<b>TERRAL TV8466</b>	<b>86.8</b>	<b>84.7</b>	<b>82.3</b>	<b>59.7</b>	<b>96</b>	<b>34</b>	<b>8</b>	<b>2</b>	<b>5.0</b>
LA97113UC-124-3-B	83.7	81.9		61.2	92	36	13	1	4.8
<b>DK 1551W</b>	<b>78.0</b>	<b>81.6</b>	<b>81.8</b>	<b>59.7</b>	<b>97</b>	<b>35</b>	<b>8</b>	<b>15</b>	<b>5.3</b>
<b>PAT</b>	<b>84.3</b>	<b>80.2</b>	<b>75.9</b>	<b>60.0</b>	<b>101</b>	<b>39</b>	<b>5</b>	<b>6</b>	<b>4.8</b>
<b>DIXIE 9812</b>	<b>79.7</b>	<b>79.1</b>	<b>78.8</b>	<b>60.1</b>	<b>96</b>	<b>37</b>	<b>13</b>	<b>3</b>	<b>6.3</b>
<b>USG 3209</b>	<b>76.6</b>	<b>77.9</b>	<b>77.2</b>	<b>60.0</b>	<b>91</b>	<b>30</b>	<b>45</b>	<b>30</b>	<b>6.8</b>
<b>PROGENY 145</b>	<b>77.2</b>	<b>72.8</b>		<b>59.8</b>	<b>97</b>	<b>42</b>	<b>20</b>	<b>1</b>	<b>5.8</b>
<b>DK 7710</b>	<b>78.2</b>	<b>72.2</b>		<b>59.4</b>	<b>102</b>	<b>36</b>	<b>0</b>	<b>18</b>	<b>6.3</b>
<b>RO 33</b>	<b>75.9</b>	<b>71.9</b>	<b>77.7</b>	<b>60.1</b>	<b>101</b>	<b>38</b>	<b>0</b>	<b>3</b>	<b>6.3</b>
<b>USG 3350</b>	<b>73.7</b>	<b>71.5</b>	<b>71.3</b>	<b>60.5</b>	<b>100</b>	<b>40</b>	<b>3</b>	<b>1</b>	<b>6.3</b>
<b>PROGENY 156</b>	<b>72.0</b>	<b>71.2</b>		<b>59.6</b>	<b>100</b>	<b>37</b>	<b>8</b>	<b>3</b>	<b>6.5</b>
<b>TERRAL TV8450</b>	<b>76.1</b>	<b>71.0</b>	<b>73.6</b>	<b>59.5</b>	<b>98</b>	<b>40</b>	<b>15</b>	<b>4</b>	<b>6.3</b>
<b>DK 7830</b>	<b>75.5</b>	<b>70.8</b>		<b>60.4</b>	<b>96</b>	<b>39</b>	<b>5</b>	<b>4</b>	<b>6.0</b>
<b>DIXIE 900</b>	<b>68.5</b>	<b>69.8</b>	<b>71.3</b>	<b>60.0</b>	<b>101</b>	<b>40</b>	<b>0</b>	<b>2</b>	<b>6.3</b>
<b>COKER 9375</b>	<b>61.9</b>	<b>68.9</b>	<b>72.2</b>	<b>56.7</b>	<b>95</b>	<b>38</b>	<b>40</b>	<b>0</b>	<b>6.8</b>
<b>DK 9410</b>	<b>75.3</b>	<b>68.6</b>	<b>69.7</b>	<b>60.5</b>	<b>98</b>	<b>37</b>	<b>3</b>	<b>2</b>	<b>6.0</b>
<b>ARMOR 3035</b>	<b>73.8</b>	<b>68.3</b>		<b>59.9</b>	<b>101</b>	<b>40</b>	<b>1</b>	<b>3</b>	<b>6.0</b>
<b>TERRAL TV8565</b>	<b>76.1</b>	<b>68.1</b>	<b>71.2</b>	<b>59.7</b>	<b>100</b>	<b>39</b>	<b>0</b>	<b>3</b>	<b>6.3</b>
<b>DELTA GROW 4500</b>	<b>68.3</b>	<b>68.0</b>	<b>74.0</b>	<b>59.5</b>	<b>99</b>	<b>39</b>	<b>4</b>	<b>1</b>	<b>5.8</b>
<b>PROGENY 133</b>	<b>74.9</b>	<b>67.9</b>		<b>60.8</b>	<b>97</b>	<b>38</b>	<b>5</b>	<b>6</b>	<b>5.8</b>
<b>TERRAL TV8502</b>	<b>72.7</b>	<b>67.6</b>	<b>70.9</b>	<b>60.5</b>	<b>99</b>	<b>38</b>	<b>8</b>	<b>2</b>	<b>6.0</b>
<b>RO 23</b>	<b>68.7</b>	<b>66.8</b>	<b>71.0</b>	<b>60.1</b>	<b>98</b>	<b>39</b>	<b>20</b>	<b>1</b>	<b>6.3</b>
<b>ARMOR 3330</b>	<b>73.4</b>	<b>66.4</b>		<b>59.5</b>	<b>99</b>	<b>38</b>	<b>3</b>	<b>7</b>	<b>6.0</b>
<b>USG 3592</b>	<b>60.2</b>	<b>65.4</b>	<b>71.9</b>	<b>62.4</b>	<b>96</b>	<b>34</b>	<b>65</b>	<b>0</b>	<b>7.3</b>
<b>PROGENY 110</b>	<b>66.6</b>	<b>64.6</b>		<b>59.8</b>	<b>99</b>	<b>41</b>	<b>15</b>	<b>2</b>	<b>6.3</b>
<b>DK 7900</b>	<b>68.5</b>	<b>64.4</b>	<b>67.0</b>	<b>60.2</b>	<b>101</b>	<b>38</b>	<b>0</b>	<b>4</b>	<b>6.0</b>
<b>DELTA GROW 4200</b>	<b>66.4</b>	<b>63.2</b>	<b>66.0</b>	<b>59.9</b>	<b>101</b>	<b>37</b>	<b>0</b>	<b>3</b>	<b>6.5</b>
<b>HBK 3266</b>	<b>67.3</b>	<b>62.3</b>	<b>66.3</b>	<b>60.3</b>	<b>95</b>	<b>37</b>	<b>65</b>	<b>0</b>	<b>6.0</b>
<b>PROGENY 166</b>	<b>68.6</b>	<b>62.2</b>		<b>60.2</b>	<b>100</b>	<b>37</b>	<b>5</b>	<b>3</b>	<b>6.3</b>
<b>COKER 9152</b>	<b>66.0</b>	<b>62.1</b>	<b>65.2</b>	<b>59.9</b>	<b>94</b>	<b>39</b>	<b>68</b>	<b>0</b>	<b>6.8</b>
<b>AGS 2000</b>	<b>68.0</b>	<b>61.7</b>	<b>70.0</b>	<b>59.6</b>	<b>90</b>	<b>33</b>	<b>80</b>	<b>0</b>	<b>6.5</b>
<b>MCCORMICK</b>	<b>38.0</b>	<b>50.4</b>	<b>60.0</b>	<b>59.4</b>	<b>99</b>	<b>27</b>	<b>0</b>	<b>80</b>	<b>7.0</b>
LA95181BUB40-2-2-C	116.7			59.6	86	40	3	23	4.0
AGRIPRO/APW742	103.7			61.5	92	35	0	8	3.3
UGA951079-2E31	102.2			60.6	93	39	1	0	3.5



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Brand / variety	Grain Yield			Test Wt lbs/bu	Head Day day of yr	Plant Height in	Stripe Rust %	Leaf Rust %	Pheno type 0-9
	2005	2-yr bu/a	3-yr						
AGRIPRO/APW749	102.0			60.7	91	34	0	10	3.8
UGA951216-2E26	100.8			60.8	94	38	0	1	3.0
LA9554D68-3-2-C	99.7			59.3	89	37	2	10	3.8
LA95171CA58-3-2-C	97.0			61.1	91	38	1	1	4.3
<b>TERRAL TV8558</b>	<b>95.9</b>			<b>58.9</b>	<b>95</b>	<b>35</b>	<b>15</b>	<b>5</b>	<b>6.0</b>
<b>DK 9577</b>	<b>91.4</b>			<b>59.3</b>	<b>96</b>	<b>36</b>	<b>10</b>	<b>0</b>	<b>5.3</b>
LA98094BUB-58-5-B	90.5			61.8	80	35	0	0	4.5
<b>PIONEER/26R61</b>	<b>87.1</b>			<b>61.9</b>	<b>91</b>	<b>36</b>	<b>9</b>	<b>0</b>	<b>4.5</b>
LA96408D-89-3-2-B	84.0			60.8	92	36	45	1	5.3
<b>AGRIPRO/BERETTA</b>	<b>83.1</b>			<b>58.9</b>	<b>95</b>	<b>32</b>	<b>10</b>	<b>1</b>	<b>6.0</b>
<b>PROGENY 185</b>	<b>80.9</b>			<b>58.9</b>	<b>96</b>	<b>34</b>	<b>4</b>	<b>0</b>	<b>5.5</b>
<b>VIGORO V9513</b>	<b>80.3</b>			<b>59.2</b>	<b>101</b>	<b>38</b>	<b>0</b>	<b>13</b>	<b>6.5</b>
<b>DELTA GROW 4100</b>	<b>78.5</b>			<b>60.0</b>	<b>100</b>	<b>38</b>	<b>3</b>	<b>2</b>	<b>6.0</b>
B980696	75.6			57.3	107	36	0	0	5.3
<b>ARMOR 2010</b>	<b>74.8</b>			<b>59.6</b>	<b>98</b>	<b>37</b>	<b>8</b>	<b>4</b>	<b>6.5</b>
<b>DIXIE 9512</b>	<b>73.1</b>			<b>61.1</b>	<b>97</b>	<b>39</b>	<b>8</b>	<b>3</b>	<b>6.3</b>
LA95125BUB73-2-2-B	67.4			59.8	94	34	70	0	5.8
LA952D3-1-3-C	64.0			57.5	90	33	0	90	6.0
B980582	54.3			61.2	94	32	80	0	7.0
TERRAL TVX84W451	51.0			57.3	96	32	43	5	7.0
<b>DK 9650</b>	<b>48.0</b>			<b>57.0</b>	<b>96</b>	<b>31</b>	<b>58</b>	<b>0</b>	<b>6.8</b>
<b>CROPLAN 517W</b>	<b>47.3</b>			<b>59.3</b>	<b>94</b>	<b>29</b>	<b>70</b>	<b>2</b>	<b>7.3</b>
<b>CROPLAN 554W</b>	<b>42.8</b>			<b>58.3</b>	<b>96</b>	<b>33</b>	<b>60</b>	<b>33</b>	<b>6.8</b>
<b>PROGENY 125</b>	<b>38.4</b>			<b>58.2</b>	<b>98</b>	<b>32</b>	<b>48</b>	<b>0</b>	<b>7.0</b>
USG EXP. 910	36.7			58.7	97	34	45	0	7.3
<b>Mean</b>	<b>78.1</b>	<b>75.3</b>	<b>75.4</b>	<b>59.9</b>	<b>95</b>	<b>36</b>	<b>17</b>	<b>7</b>	<b>5.5</b>
<b>CV</b>	<b>8</b>	<b>10</b>	<b>12</b>	<b>1</b>	<b>3</b>	<b>4</b>	<b>47</b>	<b>85</b>	<b>7</b>
<b>LSD</b>	<b>7.0</b>	<b>11.2</b>	<b>11.5</b>	<b>0.8</b>	<b>5</b>	<b>3</b>	<b>13</b>	<b>9</b>	<b>0.7</b>

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

**Cultural and Site:** Planting Date: 11/8/04 & 11/9/04. Harvested: 5/24/05. Fertilizer: 90 lbs Amm. Nitrate(34%) on 2/17/05. Herbicides: Sencor 12/17/04 Sprayed Wheat with 3 oz./ac.

**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.