

Table 11. Normal maturity wheat performance trial across North Louisiana for three years, 2017 - 2019.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Ht in	Lod Score 0-9	Stripe Rust %	Leaf Rust %	Pheno type 0-9	FHB Score 0-9	FDK %	FHN MIST NURS		
											FHB 0-9	FDK %	DON ppm
<b>AGS 2055</b>	<b>76.8</b>	<b>57.8</b>	<b>90</b>	<b>37</b>	<b>0.6</b>	<b>2</b>	<b>0</b>	<b>5.6</b>	<b>2.0</b>	<b>20</b>	<b>9.0</b>	<b>79</b>	<b>22</b>
LA01110D-150-241	70.1	56.9	81	37	1.1	2	1	6.0	4.8	35	7.5	63	18
<b>PROGENY AG #FURY</b>	<b>70.0</b>	<b>57.7</b>	<b>87</b>	<b>36</b>	<b>0.5</b>	<b>7</b>	<b>0</b>	<b>5.5</b>	<b>4.5</b>	<b>31</b>	<b>8.5</b>	<b>70</b>	<b>18</b>
<b>AGS 2038</b>	<b>69.7</b>	<b>58.1</b>	<b>88</b>	<b>39</b>	<b>0.9</b>	<b>0</b>	<b>0</b>	<b>5.6</b>	<b>1.8</b>	<b>31</b>	<b>8.0</b>	<b>68</b>	<b>25</b>
<b>GO WHEAT LA754</b>	<b>69.4</b>	<b>57.6</b>	<b>79</b>	<b>36</b>	<b>1.8</b>	<b>17</b>	<b>1</b>	<b>5.8</b>	<b>5.0</b>	<b>37</b>	<b>5.0</b>	<b>46</b>	<b>10</b>
PROGENY AG PGX16-4	68.8	58.0	87	37	0.9	3	1	5.6	3.8	25	8.5	63	16
<b>DYNA-GRO 9811</b>	<b>67.6</b>	<b>58.3</b>	<b>90</b>	<b>37</b>	<b>0.6</b>	<b>0</b>	<b>7</b>	<b>5.5</b>	<b>2.0</b>	<b>13</b>	<b>5.5</b>	<b>59</b>	<b>12</b>
<b>PROGENY AG #TURBO</b>	<b>66.2</b>	<b>57.1</b>	<b>90</b>	<b>35</b>	<b>0.7</b>	<b>0</b>	<b>6</b>	<b>5.1</b>	<b>1.8</b>	<b>9</b>	<b>6.0</b>	<b>25</b>	<b>15</b>
<b>DYNA-GRO 9701</b>	<b>65.9</b>	<b>57.1</b>	<b>97</b>	<b>39</b>	<b>0.4</b>	<b>0</b>	<b>7</b>	<b>4.9</b>	<b>0.5</b>	<b>3</b>	<b>5.0</b>	<b>65</b>	<b>13</b>
LA01110D-150-625	65.2	57.7	78	36	1.6	0	1	5.8	4.0	23	6.0	44	13
<b>DELTA GROW 1000</b>	<b>64.9</b>	<b>56.9</b>	<b>97</b>	<b>38</b>	<b>0.5</b>	<b>0</b>	<b>8</b>	<b>4.8</b>	<b>0.8</b>	<b>4</b>	<b>4.5</b>	<b>48</b>	<b>11</b>
<b>PIONEER 26R59</b>	<b>64.9</b>	<b>54.5</b>	<b>93</b>	<b>33</b>	<b>0.8</b>	<b>0</b>	<b>29</b>	<b>4.7</b>	<b>2.0</b>	<b>8</b>	<b>6.5</b>	<b>46</b>	<b>9</b>
<b>SY VIPER</b>	<b>64.5</b>	<b>57.2</b>	<b>91</b>	<b>38</b>	<b>2.2</b>	<b>0</b>	<b>25</b>	<b>4.9</b>	<b>2.0</b>	<b>4</b>	<b>5.5</b>	<b>39</b>	<b>12</b>
<b>PIONEER 26R41</b>	<b>63.8</b>	<b>57.6</b>	<b>94</b>	<b>33</b>	<b>0.5</b>	<b>0</b>	<b>11</b>	<b>5.4</b>	<b>1.0</b>	<b>8</b>	<b>6.0</b>	<b>65</b>	<b>20</b>
<b>PROGENY AG #BULLET</b>	<b>62.6</b>	<b>56.6</b>	<b>97</b>	<b>38</b>	<b>0.5</b>	<b>1</b>	<b>6</b>	<b>4.9</b>	<b>0.8</b>	<b>7</b>	<b>5.0</b>	<b>38</b>	<b>10</b>
<b>AGRIMAXX 473</b>	<b>60.5</b>	<b>56.8</b>	<b>96</b>	<b>38</b>	<b>0.3</b>	<b>0</b>	<b>9</b>	<b>4.7</b>	<b>1.0</b>	<b>13</b>	<b>5.5</b>	<b>40</b>	<b>14</b>
<b>MEAN</b>	<b>67.0</b>	<b>57.2</b>	<b>89</b>	<b>37</b>	<b>0.9</b>	<b>2</b>	<b>7</b>	<b>5.3</b>	<b>2.3</b>	<b>17</b>	<b>6.4</b>	<b>53</b>	<b>12</b>
<b>CV%</b>	<b>14</b>	<b>2</b>	<b>2</b>	<b>6</b>	<b>111</b>	<b>183</b>	<b>125</b>	<b>11</b>	<b>28</b>	<b>77</b>	<b>19</b>	<b>28</b>	<b>39</b>
<b>LSD(0.10)</b>	<b>7.1</b>	<b>1.0</b>	<b>4</b>	<b>1.5</b>	<b>0.7</b>	<b>NS</b>	<b>13.5</b>	<b>0.8</b>	<b>0.8</b>	<b>32.4</b>	<b>1.5</b>	<b>25.2</b>	<b>12.0</b>

**Data** from 2017, 2018 and 2019: Alexandria and Winnsboro; and 2018: Bossier City and St. Joseph.

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

**Lod Score** is lodging score on a scale of 0 = none to 9 = 100% lodged.

**Stripe rust** is relative score with 0 = none and 9 = severe infection and dieback.

**Leaf Rust** is percent tissue of upper three leaves affected by leaf rust.

**Phenotype** is overall visual appeal on a 0 = very ugly to 9 = very attractive plot. It takes into account tillering, head appearance, canopy density, leaf color and health, etc.

**FHB** is percent Fusarium head symptoms in the field on a scale of 0=none to 9=severe.

**FDK** is percent Fusarium Damaged Kernels.

**DON** is Deoxynivalenol toxin concentration from a misted and inoculated nursery.

**NS** indicates that variety mean differences were not statistically significant.