### Summary of 2013 Wyoming On-Farm Trials Hard Red Winter Wheat

<table>
<thead>
<tr>
<th>Variety</th>
<th>Yield (bph)</th>
<th>TWT (lbs/bph)</th>
<th>Protein (%)</th>
<th>Yield (bph)</th>
<th>TWT (lbs/bph)</th>
<th>Protein (%)</th>
<th>Yield (bph)</th>
<th>TWT (lbs/bph)</th>
<th>Protein (%)</th>
<th>Yield (bph)</th>
<th>TWT (lbs/bph)</th>
<th>Protein (%)</th>
<th><strong>Average for Variety</strong></th>
<th><strong>$7.01 wheat Yield</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LaGrange</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td>Cowboy</td>
<td>30.0</td>
<td>61.5</td>
<td>10.8%</td>
<td>40.6</td>
<td>61.4</td>
<td>11.0%</td>
<td>29.3</td>
<td>59.0</td>
<td>13.1%</td>
<td>19.0</td>
<td>55.8</td>
<td>16.3%</td>
<td>29.7</td>
<td>59.4</td>
</tr>
<tr>
<td>Byrd</td>
<td>22.1</td>
<td>60.5</td>
<td>11.9%</td>
<td>46.5</td>
<td>61.1</td>
<td>11.5%</td>
<td>26.9</td>
<td>59.7</td>
<td>13.2%</td>
<td>18.0</td>
<td>54.9</td>
<td>15.4%</td>
<td>28.4</td>
<td>59.1</td>
</tr>
<tr>
<td>Settler CL</td>
<td>22.2</td>
<td>60.4</td>
<td>12.0%</td>
<td>40.6</td>
<td>60.4</td>
<td>11.2%</td>
<td>27.4</td>
<td>58.7</td>
<td>13.4%</td>
<td>20.3</td>
<td>54.8</td>
<td>15.8%</td>
<td>27.6</td>
<td>58.6</td>
</tr>
<tr>
<td>Buckskin</td>
<td>18.2</td>
<td>60.1</td>
<td>13.1%</td>
<td>36.5</td>
<td>60.1</td>
<td>14.0%</td>
<td>29.0</td>
<td>59.8</td>
<td>12.6%</td>
<td>17.6</td>
<td>55.3</td>
<td>16.8%</td>
<td>25.3</td>
<td>59.1</td>
</tr>
<tr>
<td>Goodstreak</td>
<td>19.8</td>
<td>61.3</td>
<td>12.5%</td>
<td>33.1</td>
<td>60.2</td>
<td>14.2%</td>
<td>20.5</td>
<td>59.9</td>
<td>13.0%</td>
<td>21.3</td>
<td>56.4</td>
<td>16.2%</td>
<td>23.7</td>
<td>59.5</td>
</tr>
<tr>
<td>Judee</td>
<td>21.7</td>
<td>61.5</td>
<td>13.3%</td>
<td>26.6</td>
<td>60.4</td>
<td>14.8%</td>
<td>23.5</td>
<td>59.5</td>
<td>15.0%</td>
<td>15.9</td>
<td>55.8</td>
<td>17.0%</td>
<td>21.9</td>
<td>59.3</td>
</tr>
<tr>
<td><strong>Avg at site</strong></td>
<td>22.3</td>
<td>61.0</td>
<td>12.3%</td>
<td>37.3</td>
<td>60.6</td>
<td>12.8%</td>
<td>26.1</td>
<td>59.4</td>
<td>13.4%</td>
<td>18.7</td>
<td>55.5</td>
<td>16.3%</td>
<td>26.1</td>
<td>59.1</td>
</tr>
</tbody>
</table>

*Price adjusted for twt and protein

Plots varied from 1.76 to 2.12 acres, weighed in field with weigh cart.

Bushel weight and protein were determined by commercial elevator, Pine Bluffs Feed and Grain

Yield is in bushel per acre

TWT is pounds per bushel

**Location notes**

**LaGrange**
- Tillage, conventional (moldboard, sweeps, rod weeder); fertilizer applied, none; planting date September 15, 2012
- Sawfly pressure noted in all varieties except Judee
- Soils: Dunday and Vetal loamy fine sands, 100%

**Chugwater**
- Tillage, limited till (blade plow one trip, 2 herbicide applications); fertilizer applied, 50 lbs 11-52-0 at planting;
- planting date September 15, 2012
- Soils: Recluse-Graystone very fine sandy loams, 46%; Keeline-Turnercrest fine sandy loams, 25%;
- Graystone-Maintor fine sandy loams, 29%

**Albin**
- Tillage, no-till; fertilizer applied 40 lbs 11-52-0 at planting, 40 lbs 46-0-0 spring;
- Buckskin planted September 1, 2012, all other varieties planted September 17, 2012
- Severe sawfly pressure noted on Byrd and Goodstreak
- Soils: Altvan loam, 65%; Albinas loam, 27%; Ascalon loam, 7%

**Burns**
- Tillage, no-till; fertilizer applied 40 units N at planting, planting date September 17, 2012
- Soils: Altvan loam, 43%; Ascalon loam, 40%; Wages loam, 8%; Albinas loam 8%; Altvan-Dix complex, 1%