## 2016 WSU Variety Testing Hard Winter Wheat Trial, Walla Walla

<table>
<thead>
<tr>
<th>Variety Name</th>
<th>2 Year YIELD (BU/A)</th>
<th>3 Year YIELD (BU/A)</th>
<th>5 Year YIELD (BU/A)</th>
<th>TEST WT (LBS/BU)</th>
<th>PROTEIN (%)</th>
<th>PLANT HT</th>
<th>HEAD DATE</th>
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<td>12.4</td>
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<td>60.6</td>
<td>13.9</td>
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<td>112</td>
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<td><strong>Lowest</strong></td>
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<td>52.9</td>
<td>11.7</td>
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<td>91</td>
<td>103</td>
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</tbody>
</table>

### Agronomic Information
- **Planting Date**: 9/28/2015
- **Harvest Date**: 7/15/2016
- **Seeding Rate (lbs/acre)**: 85
- **Spring soil test**:
  - N (lb/ac) 4-ft sample: 235
  - P (ppm-Bray) 2-ft sample: 99
  - S (lb/ac) 4-ft sample: 59
  - pH (top 6 inches): 5.51
- **Herbicide**: Huskie, PowerFlex, M-90 applied on 4/1/16. Tilt applied on 4/4/16.

### Trial Notes:
1. The Walla Walla nursery was located about 3 miles northeast of Walla Walla, WA. This was a new location for 2016, and closer to Walla Walla than our previous winter wheat trials. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold. An additional 20#N was applied in the spring.
2. This trial received only one application of fungicide and low levels of rust were observed on some of the more susceptible lines late in the growing season.
3. Dry seeding conditions led to uneven spring stands, but stands evened out and this turned into a very nice trial.

Cooperator: P. McConnell