Lyon (05WA-316.K) is a two-row spring feed barley developed by the Agricultural Research Center of Washington State University. Lyon is named in honor of Steven R. Lyon, a farmer and long-time wheat researcher at WSU.

Lyon is a high yielding, broadly adapted variety particularly well suited to intermediate and high rainfall zones of the Palouse where Bob, Baronesse, Lenetah, and Champion are currently being grown. Lyon has excellent stem rust resistance, high protein, and plump kernels across a wide range of environments.

**AGRonomics**

Yield Potential.................................................. Excellent
Protein .......................................................... Very Good
Test Weight ...................................................... Average
Maturity ............................................................ Medium
Height............................................................... Medium
Plump Kernels.................................................. Excellent

**Disease Resistance**

Stem Rust ......................................................... Excellent
Leaf Rust.......................................................... Excellent
Stripe Rust....................................................... Modestly Susceptible
Two-year (2011–2012) Variety Testing Summary Across 3 Rainfall Zones for Grain Yield (lbs/a), Test Weight (lbs/bu), and Protein (%)

<table>
<thead>
<tr>
<th>Variety</th>
<th>High Rainfall (&gt;20 in)</th>
<th>Med Rainfall (16–20 in)</th>
<th>Low Rainfall (&lt;16 in)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yield</td>
<td>TW</td>
<td>Protein</td>
</tr>
<tr>
<td>Lyon</td>
<td>4240</td>
<td>52.6</td>
<td>11.0</td>
</tr>
<tr>
<td>Champion</td>
<td>4170</td>
<td>53.7</td>
<td>11.1</td>
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<tr>
<td>Bob</td>
<td>3830</td>
<td>53.3</td>
<td>11.8</td>
</tr>
<tr>
<td>Lenetah</td>
<td>3930</td>
<td>53.4</td>
<td>11.3</td>
</tr>
<tr>
<td>Baronesse</td>
<td>3890</td>
<td>52.1</td>
<td>11.5</td>
</tr>
</tbody>
</table>

Lsd (p=0.10) 180 0.4 0.3 130 0.2 0.2 190 0.6 0.8

Yield as % of 3-yr Site Mean:
- 100–104%
- 105–109%
- >115%

1Farifield has a 2-yr site mean

AVAILABILITY: Foundation seed of Lyon is maintained by the Washington State Crop Improvement Association. For seed inquiries please call (509) 334-0461. U.S. Plant Variety Protection status for this cultivar is pending.