**RESILIENCE CL+**  
SOFT WHITE WINTER TWO-GENE IMI WHEAT

Resilience CL+ is a soft white winter two-gene Imidazolinone tolerant (Clearfield) wheat variety developed and released in 2016 by the Agricultural Research Center of Washington State University. Compared to the single-gene, the two-gene technology provides significantly better tolerance to Imidazolinone group of herbicide imazamox. Resilience CL+ was developed using marker-assisted background selection approach. Compared to popular wheat varieties including that with Clearfield technology, Resilience CL+ has high yield potential, excellent stripe rust resistance, and strawbreaker foot rot resistance. Resilience CL+ is an ideal variety for high rain fall region of Pacific Northwest areas where ORCF102 and SY Ovation are currently grown.

**AGRONOMICS**

<table>
<thead>
<tr>
<th>Trait</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Imidazolinone Tolerance</td>
<td>Two-gene</td>
</tr>
<tr>
<td>Yield Potential</td>
<td>Very Good-Excellent</td>
</tr>
<tr>
<td>Test Weight</td>
<td>High</td>
</tr>
<tr>
<td>Maturity</td>
<td>Medium</td>
</tr>
<tr>
<td>Height</td>
<td>Medium</td>
</tr>
<tr>
<td>Quality</td>
<td>Desirable</td>
</tr>
</tbody>
</table>

**DISEASE RESISTANCE**

<table>
<thead>
<tr>
<th>Disease</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stripe Rust</td>
<td>Highly Resistant</td>
</tr>
<tr>
<td>Winter Hardiness</td>
<td>Similar to Madsen</td>
</tr>
<tr>
<td>Cephalosporium Stripe</td>
<td>Equal to Madsen</td>
</tr>
<tr>
<td>Strawbreaker Foot Rot</td>
<td>Similar to Madsen</td>
</tr>
</tbody>
</table>
### Three Year Variety Testing Data from 2017–2019*

<table>
<thead>
<tr>
<th>VARIETY</th>
<th>&gt;20&quot; YIELD (BU/A)</th>
<th>TEST WT (LBS/BU)</th>
<th>PROTEIN (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resilience CL+</td>
<td>110</td>
<td>60.7</td>
<td>10.2</td>
</tr>
<tr>
<td>ORCF102</td>
<td>110</td>
<td>60.9</td>
<td>10.2</td>
</tr>
<tr>
<td>SY Ovation</td>
<td>112</td>
<td>60.0</td>
<td>9.8</td>
</tr>
<tr>
<td>Puma</td>
<td>112</td>
<td>60.3</td>
<td>9.8</td>
</tr>
<tr>
<td>UI Magic CL+</td>
<td>113</td>
<td>61.3</td>
<td>10.2</td>
</tr>
<tr>
<td>Madsen</td>
<td>107</td>
<td>60.4</td>
<td>10.3</td>
</tr>
<tr>
<td>OR2X2 CL+</td>
<td>101</td>
<td>60.4</td>
<td>10.8</td>
</tr>
<tr>
<td>WB1376CLP</td>
<td>100</td>
<td>62.6</td>
<td>11.2</td>
</tr>
<tr>
<td>C.V. %</td>
<td>7</td>
<td>1.1</td>
<td>4.3</td>
</tr>
<tr>
<td>LSD (0.05)</td>
<td>3</td>
<td>0.3</td>
<td>0.2</td>
</tr>
</tbody>
</table>

>20" Precip Zone (Colton, Fairfield, Farmington and Pullman), 2017–2019, 11 loc/years
*Data was not available for Farmington, 2017 for the analysis

### AVAILABILITY

For seed inquiries please call:
Washington Genetics 509-659-4020, or contact your local seed dealer.

U.S. Plant Variety Protection status for this cultivar is approved. Signed grower agreements are required.