### 2013 WSU Variety Testing Soft White Winter Wheat Trial Summary

#### Precipitation Zone >20"

<table>
<thead>
<tr>
<th>Variety Name (Club Italicized)</th>
<th>Cotton</th>
<th>Fairfield</th>
<th>Farmington</th>
<th>Moses Lake (Irrigated)</th>
<th>Pullman</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Yield (Bu/A)</strong></td>
<td><strong>Test WiY (Lbs/Bu)</strong></td>
<td><strong>Protein (%)</strong></td>
<td><strong>Average</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>C.V. %</strong></td>
<td><strong>LSD (0.10)</strong></td>
<td><strong>Average</strong></td>
<td><strong>Highest</strong></td>
<td><strong>Lowest</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Variety Name (Club Italicized)</th>
<th>Cotton</th>
<th>Fairfield</th>
<th>Farmington</th>
<th>Moses Lake (Irrigated)</th>
<th>Pullman</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Yield (Bu/A)</strong></td>
<td><strong>Test WiY (Lbs/Bu)</strong></td>
<td><strong>Protein (%)</strong></td>
<td><strong>Average</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>C.V. %</strong></td>
<td><strong>LSD (0.10)</strong></td>
<td><strong>Average</strong></td>
<td><strong>Highest</strong></td>
<td><strong>Lowest</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Average Values

- **Yield (Bu/A):** 59.2, 59.2, 59.3, 57.7, 61.6, 59.4
- **Test WiY (Lbs/Bu):** 58.4, 58.5, 58.0, 54.9, 59.4, 57.8
- **Protein (%):** 11.5, 9.9, 10.1, 12.1, 10.0, 9.7

### Precipitation Zone >20"

- **Fairfield Farmington (Irrigated):**
  - **Yield (Bu/A):** Average, 119, 99, 125, 131, 156, 120
  - **Test WiY (Lbs/Bu):** Average, 58.6, 58.5, 58.0, 57.1, 60.0, 58.4
  - **Protein (%):** Average, 10.6, 10.0, 10.5, 13.0, 9.1, 10.7

- **Moses Lake (Irrigated):**
  - **Yield (Bu/A):** Average, 59.1, 58.8, 58.5, 57.6, 60.4, 59.1
  - **Test WiY (Lbs/Bu):** Average, 58.9, 58.1, 57.9, 57.6, 60.2, 58.7
  - **Protein (%):** Average, 10.9, 9.5, 10.8, 9.4, 9.1, 9.4
2013 WSU Soft White Winter Wheat Trial Summary
Precipitation Zone >20” – Preliminary Data
1. Soft white winter wheat grain yield across five locations and 59 entries in the >20” precipitation zone averaged 108 bushels/acre, equivalent to the 2012 average of 106 bushels/acre but lower than the 2010 average of 139 bushels/acre. The CV for the average data was 4 and equal to the 2012 CV value. In general the 2013 trials had good fall establishment, no stripe rust impact, but some differential late spring frost injury.
2. Yields among entries averaged across locations ranged from 97 to 120 bushels/acre and reflected a mostly average growing season. ‘Mary’ and ‘Bruneau’ were the highest yielding named varieties averaged across locations and are within a 10% LSD range (4 bushels/acre) of each other.
3. Test weight averaged 58.6 lbs./bu across locations and entries and was lower than last year’s 59.1 lbs./bu average. Grain protein averaged 10.8% and was slightly higher than last year’s 10.5% average.