Table 31. 2009 Preliminary B Winter Wheat Yield Trial Mill & Bake (Exp. 37)
Location: Means Across Locations

<table>
<thead>
<tr>
<th>Sample No.</th>
<th>Variety</th>
<th>Pedigree</th>
<th>Class</th>
<th>Single kernel hardness</th>
<th>Flour Protein, % (12% m.b.)</th>
<th>L* Brightness</th>
<th>a* Green - Red</th>
<th>b* Blue - Yellow</th>
<th>Wheat Ash, %</th>
<th>Mixing Tolerance</th>
<th>Mixo Water Absorption, %</th>
<th>Bake Mixing Time, min</th>
<th>Bake Water Absorption, %</th>
<th>Loaf Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yellowstone</td>
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<td>CDC Falcon</td>
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<td>MTW0047/2*MT9982</td>
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<td>73.6</td>
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<td>90.6</td>
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<td>1.27</td>
<td>0.41**</td>
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</tbody>
</table>

| Average | 0.901 | 71.5 | 12.6 | 70.5 | 11.0 | 90.6 | -1.31 | 10.4 | 1.33 | 0.43 | 4.1 | 8.0 | 62.4 | 12.0 | 72.9 | 1056 |
| LSD (0.05) | 0.459 | 3.8 | 0.8 | 2.0 | 0.8 | ns | 0.20 | 0.6 | ns | 0.02 | 1.1 | 3.5 | ns | 2.9 | 3.1 | ns   |
| C.V. | 24.1 | 2.5 | 3.1 | 1.4 | 3.3 | 0.3 | 7.1 | 2.9 | 4.7 | 2.2 | 12.2 | 20.7 | 2.4 | 11.3 | 2.0 | 4.3 |
| P-Value | 0.000 | <.0001 | 0.022 | 0.003 | 0.036 | 0.219 | 0.000 | <.0001 | 0.334 | 0.007 | 0.002 | 0.008 | 0.117 | <.0001 | 0.014 | 0.157 |