# 2009 Oregon Hard Winter Elite Yield Trials - Hermiston

**Site Quality Index† = 2**

1 = Poor    3 = Average   5 = Excellent

**Site Description:** Heat and moisture stress resulted in lower yields at this site.

### 2009 Yield Data‡

<table>
<thead>
<tr>
<th>Entry</th>
<th>Variety</th>
<th>Class</th>
<th>2009 Yield Data</th>
<th>2-Year Yield Data</th>
<th>2009 Agronomic Data</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Yield</td>
<td>Rank</td>
<td>Yield</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>bu/ac</td>
<td></td>
<td>bu/ac</td>
</tr>
<tr>
<td>1</td>
<td>STEPHENS*</td>
<td>SWW</td>
<td>128.3</td>
<td>1</td>
<td>130.9</td>
</tr>
<tr>
<td>17</td>
<td>WHISTONE</td>
<td>HRW</td>
<td>125.7</td>
<td>2</td>
<td>137.0</td>
</tr>
<tr>
<td>18</td>
<td>BC002-2-2</td>
<td>HRW</td>
<td>124.4</td>
<td>3</td>
<td>64.2</td>
</tr>
<tr>
<td>19</td>
<td>NUDAKOTA</td>
<td>HWW</td>
<td>122.7</td>
<td>4</td>
<td>64.4</td>
</tr>
<tr>
<td>20</td>
<td>OR2052046H</td>
<td>HWW</td>
<td>120.4</td>
<td>5</td>
<td>130.9</td>
</tr>
<tr>
<td>29</td>
<td>OR2070181H</td>
<td>HWW</td>
<td>119.9</td>
<td>6</td>
<td>61.3</td>
</tr>
<tr>
<td>5</td>
<td>NORWEST S53</td>
<td>HRW</td>
<td>119.5</td>
<td>7</td>
<td>135.1</td>
</tr>
<tr>
<td>4</td>
<td>TUBB 06</td>
<td>SWW</td>
<td>118.4</td>
<td>8</td>
<td>130.1</td>
</tr>
<tr>
<td>14</td>
<td>SINOPES</td>
<td>HRW</td>
<td>117.4</td>
<td>9</td>
<td>134.3</td>
</tr>
<tr>
<td>15</td>
<td>AGRIPRO PALADIN</td>
<td>HRW</td>
<td>116.5</td>
<td>10</td>
<td>128.9</td>
</tr>
<tr>
<td>30</td>
<td>OR2070182H</td>
<td>HWW</td>
<td>113.7</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>OR2070903H</td>
<td>HWW</td>
<td>113.1</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>PALDMINO</td>
<td>HRW</td>
<td>112.6</td>
<td>13</td>
<td>126.3</td>
</tr>
<tr>
<td>3</td>
<td>N97S277</td>
<td>HRW</td>
<td>111.1</td>
<td>14</td>
<td>118.1</td>
</tr>
<tr>
<td>11</td>
<td>EDDY</td>
<td>HRW</td>
<td>110.5</td>
<td>15</td>
<td>127.1</td>
</tr>
<tr>
<td>12</td>
<td>ACS52025</td>
<td>HRW</td>
<td>110.3</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>OR2050042H</td>
<td>HWW</td>
<td>109.4</td>
<td>17</td>
<td>133.2</td>
</tr>
<tr>
<td>22</td>
<td>OR2050275H</td>
<td>HWW</td>
<td>106.4</td>
<td>18</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>OR2070138H</td>
<td>HWW</td>
<td>101.1</td>
<td>19</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>OR2070139H</td>
<td>HWW</td>
<td>97.9</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>OR2070137H</td>
<td>HWW</td>
<td>97.4</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>OR2070142H</td>
<td>HWW</td>
<td>96.6</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>OR2070139H</td>
<td>HWW</td>
<td>96.2</td>
<td>23</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>DECLO</td>
<td>HRW</td>
<td>95.0</td>
<td>24</td>
<td>128.2</td>
</tr>
<tr>
<td>9</td>
<td>BAUERMEISTER</td>
<td>HRW</td>
<td>93.1</td>
<td>25</td>
<td>118.1</td>
</tr>
<tr>
<td>2</td>
<td>ELYAN*</td>
<td>SWW</td>
<td>92.3</td>
<td>26</td>
<td>117.0</td>
</tr>
<tr>
<td>6</td>
<td>BOUNDARY</td>
<td>HRW</td>
<td>89.9</td>
<td>27</td>
<td>114.5</td>
</tr>
<tr>
<td>13</td>
<td>ILLIAS</td>
<td>HRW</td>
<td>88.0</td>
<td>28</td>
<td>107.9</td>
</tr>
<tr>
<td>10</td>
<td>FARNUM</td>
<td>HRW</td>
<td>83.1</td>
<td>29</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Entry</th>
<th>Variety</th>
<th>Class</th>
<th>Site Average</th>
<th>LSD (0.05)</th>
<th>CV (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>107.4</td>
<td>126.1</td>
<td>8.4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>8.2</td>
<td>12.2</td>
<td>1.2</td>
</tr>
</tbody>
</table>

1. The Site Quality Index is based on the relative performance of check varieties to historical means and the degree of variability found within the trial.
2. Site Quality Index Descriptions:
   1 = Poor; Site highly impacted by unusual environmental conditions making data unpublishable
   2 = Below Average; Site was impacted by unusual environmental conditions. Variability was high.
   3 = Average; Site was average with normal/acceptable environmental conditions. Variability was medium.
   4 = Good; Site was representative of surrounding area with minimal environmental impact. Variability was low to medium.
   5 = Excellent; Site was highly representative of surrounding area with no environmental impacts. Variability was very low.

‡ Yield data corrected to 12% moisture; Grain yields shaded in gray are not significantly different from the highest yield at this site.

* Indicates check variety.