## AHDB Recommended List

### Spring barley trials harvest 2021

#### Candidate varieties

<table>
<thead>
<tr>
<th>Previous/proposed name</th>
<th>Variety ID</th>
<th>LDM treated (T)</th>
<th>LDM untreated (UT)</th>
<th>Lodging % (T)</th>
<th>Lodging % (UT)</th>
<th>Height (cm)</th>
<th>Maturity (T)</th>
<th>Backing % (T)</th>
<th>Brown rust (1–9)</th>
<th>Rhynchosporium (1–9)</th>
<th>Specific weight (kg/hl)</th>
<th>UK contact</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Control varieties</strong></td>
<td></td>
<td></td>
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<tr>
<td>Cosmopolitan</td>
<td>SJ152037</td>
<td>3003</td>
<td>102</td>
<td>92</td>
<td>[10]</td>
<td>73</td>
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<td>33</td>
<td>9</td>
<td>4</td>
<td>6</td>
<td>66.1</td>
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<td>74</td>
<td>+1</td>
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<td>Laureate</td>
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<td>RGT Planet</td>
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<td>9</td>
<td>5</td>
<td>67.4</td>
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<tr>
<td>Propino</td>
<td>NFC 406-119</td>
<td>2336</td>
<td>95</td>
<td>82</td>
<td>[9]</td>
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<td>-1</td>
<td>25</td>
<td>6</td>
<td>5</td>
<td>67.9</td>
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</tbody>
</table>

**Selected as potential malting varieties**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Variety ID</th>
<th>Yield treated (T)</th>
<th>Yield untreated (UT)</th>
<th>Lodging % (T)</th>
<th>Lodging % (UT)</th>
<th>Height (cm)</th>
<th>Maturity (T)</th>
<th>Backing % (T)</th>
<th>Brown rust (1–9)</th>
<th>Rhynchosporium (1–9)</th>
<th>Specific weight (kg/hl)</th>
<th>UK contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>SY Lowry</td>
<td>SY418314</td>
<td>3272</td>
<td>Data cannot be published as variety has not completed National List testing</td>
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<td>Jensen</td>
<td>SJ176158</td>
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<td>104</td>
<td>96</td>
<td>[8]</td>
<td>70</td>
<td>[0]</td>
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<td>8</td>
<td>5</td>
<td>7</td>
<td>65.0</td>
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<td>SY Bronte</td>
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<td>3267</td>
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<td>SJ188119</td>
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<td>Winston</td>
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<td>101</td>
<td>[92]</td>
<td>[5]</td>
<td>73</td>
<td>[0]</td>
<td>26</td>
<td>8</td>
<td>4</td>
<td>6</td>
<td>66.9</td>
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</tbody>
</table>

**Selected as potential feed varieties**

<table>
<thead>
<tr>
<th>Variety</th>
<th>Variety ID</th>
<th>Yield treated (T)</th>
<th>Yield untreated (UT)</th>
<th>Lodging % (T)</th>
<th>Lodging % (UT)</th>
<th>Height (cm)</th>
<th>Maturity (T)</th>
<th>Backing % (T)</th>
<th>Brown rust (1–9)</th>
<th>Rhynchosporium (1–9)</th>
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<th>UK contact</th>
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<tbody>
<tr>
<td>SY Titanium</td>
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<td>Data cannot be published as variety has not completed National List testing</td>
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<tr>
<td>Malvern</td>
<td>NOS113.163-17</td>
<td>3257</td>
<td>103</td>
<td>96</td>
<td>[4]</td>
<td>74</td>
<td>[0]</td>
<td>19</td>
<td>8</td>
<td>4</td>
<td>3</td>
<td>66.0</td>
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</tbody>
</table>

**Mean of controls (t/ha)**

<table>
<thead>
<tr>
<th>Yield treated (T)</th>
<th>Yield untreated (UT)</th>
<th>Lodging % (T)</th>
<th>Lodging % (UT)</th>
<th>Height (cm)</th>
<th>Maturity (T)</th>
<th>Backing % (T)</th>
<th>Brown rust (1–9)</th>
<th>Rhynchosporium (1–9)</th>
<th>Specific weight (kg/hl)</th>
<th>UK contact</th>
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<tbody>
<tr>
<td>7.7</td>
<td>7.7</td>
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<td>143</td>
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</table>

**Overall mean**

<table>
<thead>
<tr>
<th>Yield treated (T)</th>
<th>Yield untreated (UT)</th>
<th>Lodging % (T)</th>
<th>Lodging % (UT)</th>
<th>Height (cm)</th>
<th>Maturity (T)</th>
<th>Backing % (T)</th>
<th>Brown rust (1–9)</th>
<th>Rhynchosporium (1–9)</th>
<th>Specific weight (kg/hl)</th>
<th>UK contact</th>
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</thead>
<tbody>
<tr>
<td>2.4</td>
<td>3.7</td>
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<td>74</td>
<td>-</td>
<td>23.5</td>
<td>-</td>
<td>-</td>
<td>67.0</td>
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</tr>
</tbody>
</table>

**Number of trials (for candidate varieties)**

<table>
<thead>
<tr>
<th>Yield treated (T)</th>
<th>Yield untreated (UT)</th>
<th>Lodging % (T)</th>
<th>Lodging % (UT)</th>
<th>Height (cm)</th>
<th>Maturity (T)</th>
<th>Backing % (T)</th>
<th>Brown rust (1–9)</th>
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<th>UK contact</th>
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</thead>
<tbody>
<tr>
<td>19</td>
<td>11</td>
<td>4</td>
<td>8</td>
<td>10</td>
<td>6</td>
<td>13</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>10</td>
</tr>
</tbody>
</table>

On the 1–9 scales, high figures indicate that a variety shows the character to a high degree (e.g. high resistance). The 1–9 ratings are not comparable to those used on the Recommended List table.

See the AHDB Recommended List for full data on control varieties. Candidate varieties will be considered for the 2022 AHDB Recommended List.

These summaries are derived from National List and BSPB trials. Acknowledgement is made to APHA and BSPB for the use of the data.

T = Data from trials treated with fungicide

UT = Data from trials without fungicide or Plant growth regulator (PGR)

[ ] = Limited data

LSD = Least significant difference

LSD 5%: Varieties that are more than one LSD apart are significantly different at the 95% confidence level