LEGACY

Six-rowed, a cross of Excel/Bumper/Karl/Manker, registered in 2002, and was developed by Dr. Blake Cooper, Busch Agriculture Resources Inc., Ft. Collins, Colorado.

Agronomic traits
• Very good yield potential
• Maturity similar to CDC Sisler, ~2-3 days later than Robust or one day later than Excel
• Fair lodging resistance
• Lower grain protein, plumpness similar to Excel
• Better disease resistance than most 6-rowed varieties

Malting quality traits
• Higher extract and enzyme levels
• Lower wort beta-glucan
• Fast modification
• Some year shows some water sensitivity

Brewing quality traits
• Good overall brewhouse performance
• Very fast conversion time
• Satisfactory lautering
• Slightly lower colour
• Good brewhouse yield and material efficiencies

Comparative malt quality parameters

<table>
<thead>
<tr>
<th></th>
<th>Legacy</th>
<th>Excel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fine Extract, %</td>
<td>78.9 - 81.0</td>
<td>79.0 - 81.0</td>
</tr>
<tr>
<td>Color, EBC</td>
<td>3.8 - 5.0</td>
<td>3.5 - 5.4</td>
</tr>
<tr>
<td>Total Protein, %</td>
<td>10.5 - 12.5</td>
<td>11.5 - 12.0</td>
</tr>
<tr>
<td>Soluble Protein, %</td>
<td>4.5 - 5.5</td>
<td>4.5 - 5.5</td>
</tr>
<tr>
<td>Kolbach Index</td>
<td>43 - 48</td>
<td>42 - 48</td>
</tr>
<tr>
<td>Diastatic Power, °L</td>
<td>140 - 160</td>
<td>140 - 155</td>
</tr>
<tr>
<td>Wort Beta – Glucan, ppm</td>
<td>70 - 140</td>
<td>90 - 140</td>
</tr>
<tr>
<td>FAN, ppm (Mean ± Std.)</td>
<td>249 ± 43.3</td>
<td>227 ± 15.5</td>
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</tbody>
</table>

Overall comments
Overall the high enzyme packages of six-row malts make them ideal for high solid adjunct brewing. When compared to Excel, Legacy derives similar brewhouse performance with slightly lower beer colour.

For more information
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