NEWDALE

Two-rowed, a cross of CDC Stratus/TR236, was fully registered in 2001, and was developed by Dr. Bill Legge, Brandon Research Centre, Agriculture and Agri-Food Canada.

Agronomic traits
• Excellent yield
• Good lodging resistance and harvestability
• Medium-late in maturity (one day later than AC Metcalfe)
• Good disease resistance

Malting quality traits
• Improved resistance to peeling
• Increased friability
• Moderate extract level
• Good enzyme and soluble protein levels
• Low wort beta-glucan
• Fast modification

Brewing quality traits
• Good overall brewhouse performance
• Fast conversion time
• Similar lautering when compared to AC Metcalfe
• Good yield and material efficiencies

Overall comments
Newdale’s moderate levels of enzyme make this variety very suitable when used with adjuncts. Its low Beta-glucan content also makes Newdale attractive to brewers who experience problems with slow runoffs and poor beer filtration.

Comparative malt quality parameters

<table>
<thead>
<tr>
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<th>Newdale</th>
<th>AC Melcalfe</th>
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<tbody>
<tr>
<td>Fine Extract, %</td>
<td>~80.5</td>
<td>~81.5</td>
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<tr>
<td>Color, EBC</td>
<td>3.5 - 4.5</td>
<td>3.0 - 4.5</td>
</tr>
<tr>
<td>Total Protein, %</td>
<td>~12.5</td>
<td>~12.5</td>
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<tr>
<td>Soluble Protein, %</td>
<td>4.6 - 5.2</td>
<td>4.7 - 5.3</td>
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<tr>
<td>Kolbach Index</td>
<td>40 - 45</td>
<td>42 - 48</td>
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<tr>
<td>Diastatic Power, °L</td>
<td>105 - 135</td>
<td>110 - 150</td>
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<tr>
<td>Wort Beta – Glucan, ppm</td>
<td>65 - 100</td>
<td>70 - 120</td>
</tr>
<tr>
<td>FAN, ppm (Mean ± Std.)</td>
<td>202 ± 24.4</td>
<td>218 ± 27.9</td>
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For more information

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