

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

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.

Comparative malt quality parameters

 CMBTC™ CANADIAN MALTING BARLEY TECHNICAL CENTRE	Legacy	Excel
Fine Extract, %	78.9 - 81.0	79.0 - 81.0
Color, EBC	3.8 - 5.0	3.5 - 5.4
Total Protein, %	10.5 - 12.5	11.5 - 12.0
Soluble Protein, %	4.5 - 5.5	4.5 - 5.5
Kolbach Index	43 - 48	42 - 48
Diastatic Power, °L	140 - 160	140 - 155
Wort Beta – Glucan, ppm	70 - 140	90 - 140
FAN, ppm (Mean ± Std.)	249 ± 43.3	227 ± 15.5

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For more information

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