

CDC KINDERSLEY

Two-rowed cross of SM00490/BM9647D-64, registered in 2011, and was developed by Dr. B. Rossnagel, Tom Zatorski, Dr. Aaron Beattie and Dr. Bryan Harvey, Crop Development Centre, University of Saskatchewan.

Agronomic traits

- Higher yield than AC Metcalfe
- Good Kernel weight
- Early maturing
- Short straw and good disease resistance

Malting quality traits

- Better resistance to peeling
- Good extract yield comparable to AC Metcalfe
- Good enzyme levels higher than AC Metcalfe
- Average soluble protein
- Lower wort color
- Lower malt beta-glucan
- Modification improved over AC Metcalfe


Brewing quality traits

- Good overall brewhouse performance
- Moderate conversion time, similar to AC Metcalfe
- Lautering time similar to AC Metcalfe
- Excellent brewhouse yield and material efficiencies
- Higher fermentability than AC Metcalfe
- Higher foam stability than AC Metcalfe

Overall comments

CDC Kindersley performed similar to AC Metcalfe in the malthouse. It is easy to process and is able to produce quality malt on a consistent basis. Its ability to provide high enzymes, low beta-glucan and moderate soluble protein at the same time is unique. Its lower soluble protein and lower color provided added variety to the portfolio of our recommended Canadian malting barley.

Comparative malt quality parameters

 CMBTC™ CANADIAN MALTING BARLEY TECHNICAL CENTRE	CDC Kindersley	AC Metcalfe	CDC Copeland
Fine Extract, %	~81.5	~81.5	~81.0
Color, EBC	2.0 - 4.5	3.0 - 4.5	2.0 - 3.5
Total Protein, %	~12.0	~12.5	~12.5
Soluble Protein, %	4.2 - 5.0	4.7 - 5.3	4.5 - 5.0
Kolbach Index	42 - 47	42 - 48	42 - 44
Diastatic Power, °L	130 - 170	110 - 150	100 - 130
Wort Beta - Glucan, ppm	60 - 100	70 - 120	70 - 110
FAN, ppm (Mean ±Std.)	210 ± 13.4	218 ± 27.9	194 ± 31.2

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For more information

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