

CDC COPELAND

Two-rowed, a cross of WM861-5/TR118, registered in 1999, and was developed by Dr. Bryan Harvey, Crop Development Centre, University of Saskatchewan.

Agronomic traits

- High yield and early maturing variety
- Good resistance to disease and lodging

Malting quality traits

- Better resistance to peeling
- Good plump and thousand kernel weight
- Low soluble protein
- Low wort color
- Low wort beta-glucan
- Extract and enzyme levels slightly less than AC Metcalfe
- As barley protein increases, steeper decline in extract than AC Metcalfe
- Very good modification


Brewing quality traits

- Good overall brewhouse performance
- Moderate conversion time
- Faster lautering than Harrington
- Excellent yield and material efficiencies

Overall comments

CDC Copeland has the same ability as Harrington to be very forgiving in the malthouse and able to produce quality malt on a consistent basis, even when the malting conditions are changed. Its ability to provide low Beta-glucan and low soluble protein at the same time is unique. Its lower soluble protein and lower color provide added variety to the portfolio of our recommended Canadian malting barley for certain customers.

Comparative malt quality parameters

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

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For more information

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