


# CANADIAN TWO-ROW MALTING BARLEY

## Comparative Malt Quality Parameters

 CMBTC™ CANADIAN MALTING BARLEY TECHNICAL CENTRE	AC Metcalfe	CDC Copeland	CDC Meredith	Bentley	CDC Kindersley	AAC Synergy
Fine Extract, %	~81.5	~81.0	80.7~81.8	~81.0	~81.5	82.1
Color, EBC	3.0 - 4.5	2.0 - 3.5	3.5 - 5.0	3.0 - 4.5	2.0 - 4.5	4.0 - 4.4
Total Protein, %	~12.5	~12.5	~11.5	~11.0	~12.0	~10.5
Soluble Protein, %	4.7 - 5.3	4.5 - 5.0	4.8 - 5.3	4.2 - 5.2	4.5 - 5.0	4.4 - 5.3
Kolbach Index, %	42 - 48	42 - 44	44 - 49	40 - 45	42 - 47	41 - 48
Diastatic Power, °L	110 - 150	100 - 130	100 - 140	100 - 130	130 - 170	100 - 135
Wort Beta – Glucan, ppm	70 - 120	70 - 110	75 - 134	90 - 130	60 - 100	65 - 110
FAN, ppm (Mean ±Std.)	218 ± 27.9	194 ± 31.2	200 ± 28.8	208 ± 35.2	210 ± 13.4	194 ± 13.2

## Overall comments

Canadian two-row malting barleys have long been recognized for quality all over the world. They are recognized for having low dormancy and good germination vigour. They malt readily and have a high enzyme potential. They are easy to handle and to produce consistent predictable malting and brewing performance. Kernel size is uniform, with thin hulls, facilitating rapid and even hydration of the starchy endosperm during steeping. This in turn leads to homogeneous modification and absence of beta-glucan problems. Adequate levels of alpha-amino nitrogen are produced, supporting good yeast fermentation. They possess high diastatic power for efficient conversion of high levels of adjuncts in the brewhouse. High extract yields are produced provided recommended malthouse procedures are followed. Please note that some of the newer two-row varieties offer significantly higher extract yields, and some offer special quality attribute such as having low LOX activity.

[cmbtc.com](http://cmbtc.com)

### For more information

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