

CDC MEREDITH

Two-rowed, a cross of SM98472/SM98787, registered in 2008, and was developed by Dr. Brian Rossnagel, Dr. Bryan Harvey, Tom Zatorski and Eric Lefol, the Crop Development Centre, University of Saskatchewan.

Agronomic traits

- Higher yield than AC Metcalfe
- Low grain protein
- Mature two days later than AC Metcalfe
- Fair resistance to lodging
- Resistant to true loose smut
- Moderately resistant to stem rust, Fusarium head blight, covered smut, false loose smut and black semi-loose smut

Malting quality traits

- Extract similar to or higher than AC Metcalfe
- S/T ratio higher than average
- Color higher than AC Metcalfe
- Enzyme levels similar to AC Metcalfe
- Beta-glucan higher than AC Metcalfe


Brewing quality traits

- Good overall brewhouse performance
- Higher Brewhouse yield
- Lautering time similar to AC Metcalfe
- Excellent fermentability
- Good foam stability and physical stability
- Slightly higher beer colour

Overall comments

CDC Meredith represents a variety with significantly improved yield potential. Quality attributes similar to Harrington, AC Metcalfe and CDC Kendall, but most importantly it consistently offers lower grain protein and increased malt extract.

Comparative malt quality parameters

 CMBTC™ CANADIAN MALTING BARLEY TECHNICAL CENTRE	CDC Meredith	AC Metcalfe	CDC Copeland
Fine Extract, %	80.7~81.8	~81.5	~81.0
Color, EBC	3.5 - 5.0	3.0 - 4.5	2.0 - 3.5
Total Protein, %	~11.5	~12.5	~12.5
Soluble Protein, %	4.8 - 5.3	4.7 - 5.3	4.5 - 5.0
Kolbach Index	44 - 49	42 - 48	42 - 44
Diastatic Power, °L	100 - 140	110 - 150	100 - 130
Wort Beta-glucan, ppm	75 - 134	70 - 120	70 - 110
FAN, ppm (Mean ± Std.)	200 ± 28.8	218 ± 27.9	194 ± 31.2

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For more information

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