

NEWDALE

Two-rowed, a cross of CDC Stratus/TR236, was fully registered in 2001, and was developed by Dr. Bill Legge, Brandon Research Centre, Agriculture and Agri-Food Canada.

Agronomic traits

- Excellent yield
- Good lodging resistance and harvestability
- Medium-late in maturity (one day later than AC Metcalfe)
- Good disease resistance

Malting quality traits

- Improved resistance to peeling
- Increased friability
- Moderate extract level
- Good enzyme and soluble protein levels
- Low wort beta-glucan
- Fast modification


Brewing quality traits

- Good overall brewhouse performance
- Fast conversion time
- Similar lautering when compared to AC Metcalfe
- Good yield and material efficiencies

Overall comments

Newdale's moderate levels of enzyme make this variety very suitable when used with adjuncts. Its low Beta-glucan content also makes Newdale attractive to brewers who experience problems with slow runoffs and poor beer filtration.

Comparative malt quality parameters

 CMBTC™ CANADIAN MALTING BARLEY TECHNICAL CENTRE	Newdale	AC Metcalfe
Fine Extract, %	~80.5	~81.5
Color, EBC	3.5 - 4.5	3.0 - 4.5
Total Protein, %	~12.5	~12.5
Soluble Protein, %	4.6 - 5.2	4.7 - 5.3
Kolbach Index	40 - 45	42 - 48
Diastatic Power, °L	105 - 135	110 - 150
Wort Beta – Glucan, ppm	65 - 100	70 - 120
FAN, ppm (Mean ± Std.)	202 ± 24.4	218 ± 27.9

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For more information

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