CANTERRA SEEDS

TECHNICAL **BULLETIN**

Bentley

2-Row Multi-Purpose

Great multi-purpose option, offering proven performance for feed, silage or malt for craft

- Malt quality fit for all-malt craft brewing, known by its lower protein content and enzyme activity
- Strong straw and high biomass content, perfect for forage or silage
- Higher test weight and plumper kernels

YIELD PERFORMANCE

OVERALL CHARACTERISTICS

Maturity	Medium
Height	Average
Growing Zone	All barley growing areas of AB
Lodging Resistance	Good
FHB Resistance	MS
Stem Rust Resistance	MR
Spot Blotch Resistance	I
Spotted Net Blotch Resistance	R

* having the best FHB resistance, it is a good choice for the MB barley growers in areas where Fusarium is a concern

PBR
Progress through Research

TECHNICAL BULLETIN

Bentley

2-Row Malting Barley

Technical Information

Seed Manitoba - 2018

Variety	Yield Bu/ac	Prot. %	Mat +/- 88 days	Height +/- 89 CM	Test Wt +/- 48.7 lb/bu	Resistance level								
						Lodge	Loose Smut	Surface Borne Smut	Root Rot	Netted Net Blotch	Spotted Net Blotch	Spot Blotch	Stem Rust	FHB
Bentley	**102**	**12.3**	**0**	**5**	**-0.8**	**G**	**MS**	**MR**	**I**	**MS**	**R**	**I**	**MR**	**MS**
AC Metcalfe	95	12.8	0	0	0	F	R	I	I	S	I	I	MR	I
CDC Copeland	96	12.5	0	0	-0.5	F	MS	I	I	I	I	S	MR	I
AAC Synergy	110	12.1	0	-3	-0.4	G	S	I	I	MR	R	R	MR	MS

SK Varieties of Grain Crops - 2018

Variety	Yield % AC Metcalfe			Resistance to									
	Area 1&2	Area 3&4	Relative Maturity	Lodge	Netted Net Blotch	Spotted Net Blotch	Spot Blotch	Scald	Loose Smut	Other Smuts	Root Rot	Stem Rust	FHB
Bentley	**113**	**112**	**L**	**G**	**MS**	**R**	**I**	**MS**	**MS**	**MR**	**I**	**MR**	**MS**
AC Metcalfe	100	100	M	G	S	I	I	MS	R	I	I	MR	I
CDC Copeland	107	108	M	G	I	I	S	MS	MS	I	I	MR	I
AAC Synergy	118	118	M	G	MR	R	R	S	S	I	I	MR	MS

Alberta Seed Guide - 2018

Variety	Yield Category (% AC Metcalfe)					Agronomic Characteristics				Disease Resistance						
	Overall Yield	Low <60 bu/ac	Med 60-90 bu/ac	High 90-120 bu/ac	V.High >120 bu/ac	Mat.	Test Wt. lb/bu	TSW (g)	Ht. (cm)	Ldg.	Loose Smut	Other Smut	Root Rot	Scald	Net Form blt	FHB
Bentley	**105+**	**109**	**102**	**105+**	**106+**	**M**	**52**	**47**	**81**	**G**	**MS**	**MR**	**MR**	**S**	**MS**	**MS**
AC Metcalfe	100	100	100	100	100	M	52	46	79	G	R	I	I	S	S	I
CDC Copeland	103+	96	101	106+	104+	M	51	47	81	F	MS	I	I	S	I	I
AAC Synergy	114+	121+	112+	114+	113+	M	51	48	76	F	S	I	I	S	MR	MS

Yield followed by + indicates significantly higher than check, - indicates significantly lower than check, without + or - is not significantly different than check.

Origin: Lacombe Barley Research Group.

Pedigree: I92125/TR229 where I92125 =ND10419/ND11231