



Varietal Characteristics:

- **Growing Zone:** Suited to all barley-growing zones.
- **Yield:** Higher yield than CDC Sisler and Excel (malting checks) in all zones.
- **Maturity:** Similar to malting checks.
- **Lodging:** Shorter, stronger straw than both malting checks.
- **Quality:** Better plumpness and kernel weight than the malting checks.
- **Disease Resistance:** Better resistance to surface borne smuts than the malting checks. Similar disease resistance to the malting checks.



Seed Manitoba – 2011

Variety	Yield % AC Metcalfe	Maturity (days)	Height (in)	Test Weight	Resistance to							
					Lodging	Stem Rust	Loose Smut	Surface Borne Smut	Root Rot	Netted Net Blotch	Spot Blotch	FHB
CDC Kamsack	104	0	2	-1	VG	MR	I	R	MS	S	MR	S
Legacy	107	-2	3	0	F	MR	I	MR	MR	S	MR	MS
Tradition	108	2	4	0.8	F	MR	S	MR	MR	S	MR	S
AC Metcalfe	100	88	35	48.7	F	MR	R	I	I	S	I	I

SK Varieties of Grain Crops – 2011

Variety	Yield % AC Metcalfe		Relative Maturity	Resistance to								
	Area 1&2	Area 3&4		Lodging	Net Blotch	Spot Blotch	Scald	Loose Smut	Other Smuts	Root Rot	Stem Rust	FHB
CDC Kamsack	103	108	M	G	VP	G	P	F	VG	P	G	VP
Legacy	104	101	M	G	VP	G	P	F	G	G	G	P
Tradition	112	107	M	VG	VP	G	P	VP	G	G	G	VP
AC Metcalfe	100	100	M	G	VP	F	P	VG	F	F	G	F

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Variety	Overall Yield % AC Metcalfe	Yield by Test Yield Category (% of test mean)				Mat.	TWT (lb/bu)	KWT (g)	Ht. (cm)	Resistance to:						
		Low < 60 bu/ac	Medium 60-90 bu/ac	High 90-120 bu/ac	V.High >120 bu/ac					Ldg.	Loose Smut	Fl & Cov Smut	Com Rt. Rot	Scald	Net blt.	FHB
CDC Kamsack	97	XX	94	101	100	M	48	41	69	G	F	G	F	P	VP	VP
Legacy	101	XX	100	100	103	M	49	40	85	G	F	G	G	VP	VP	P
Tradition	100	92	100	100	101	E	49	41	82	G	VP	G	G	VP	VP	VP
AC Metcalfe	100	100	100	100	100	M	52	46	80	F	VG	F	F	VP	VP	F

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

Origin: Crop Development Centre, University of Saskatchewan. **Pedigree:** BT471/SM03152 (Test Code: SR410).