CANTERRA SEEDS
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Technical Bulletin

AAC Prairie

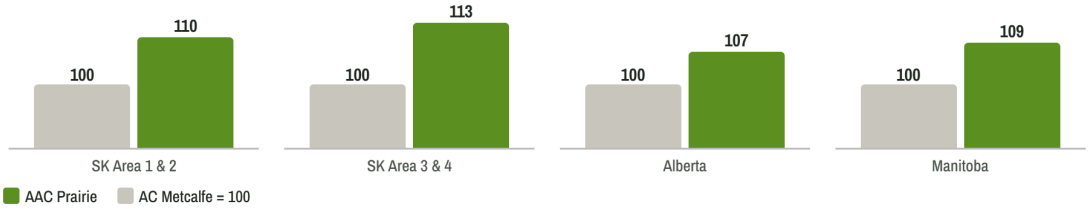
Barley · Two-row malting (in development)

Reliable two-row malting barley for western Canada

- Yield 96% (Area 1 & 2) and 97% (Area 3 & 4) of AAC Synergy in Saskatchewan
- 97% in Alberta, 95% in Manitoba (provincial guides, % of check)
- Good lodging resistance, 74 cm tall
- Good resistance to stem rust (MR), net-form net blotch (MR)
- 2 cm shorter than CDC Fraser
- Better net-form net blotch resistance than AC Metcalfe (MR vs S)
- Higher enzyme activity than AC Metcalfe (perfect for mainstream brewing)



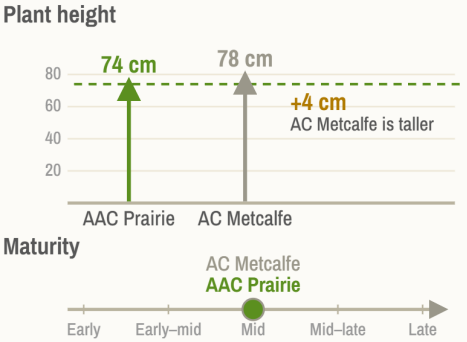
YIELD PERFORMANCE vs AC Metcalfe · 2026 provincial seed guides · comparisons other than the check are worked out from each source's % of check



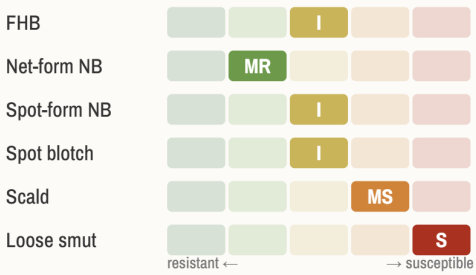
OVERALL CHARACTERISTICS	
Type	Two-row malting (in development)
Maturity	Mid
Height	74 cm
Lodging resistance	Fair

AT A GLANCE

Height and maturity vs AC Metcalfe



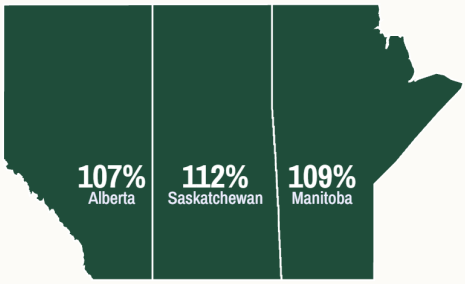
Resistance at a glance (SaskSeed Guide 2026)



Management tips — these ratings are well handled with standard practices and don't take away from the variety's value

- **Scald (MS):** rotation and a foliar fungicide at flag leaf in wet seasons
- **Loose smut (S):** a systemic seed treatment gives effective control

Yield vs AC Metcalfe by province



Saskatchewan = average of Areas 1 & 2 and 3 & 4; Alberta = overall yield category; Manitoba = % of the check in Seed Manitoba.

Data: 2026 provincial seed guides (Seed Manitoba, Alberta Seed Guide, SaskSeed Guide) · Printed Nov 1, 2026 · Approved

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Progress Through Research
Le progrès grâce à la recherche

AAC Prairie · Technical information

Technical Information · Seed Manitoba – 2026

Variety	Yield bu/acre	% Protein	Maturity +/- 88 days	Height +/- 89 cm	Test wt +/- 48.7 lb/bu	Awns	Resistance level								
							Lodging	Loose Smut	Surface-borne Smut	Root Rot	Net Blotch		Spot Blotch	Stem Rust	FHB
											Net form	Spot form			
AAC Prairie	**108**	**12.4**	**0**	**-2**	**-0.3**	**R**	**F**	**S**	**MR**	-	**MR**	**I**	**I**	**MR**	**I**
AAC Synergy	114	12.2	0	-2	-0.4	R	G	S	I	I	MR	R	R	MR	I
CDC Churchill	114	12.3	+1	-5	-0.2	R	G	MS	MR	-	MR	MR	I	MR	MS
CDC Copeland	103	12.3	0	+5	-0.5	R	G	MS	I	I	I	I	S	MR	MR
CDC Fraser	110	12.1	+1	0	-0.7	R	G	R	MR	MS	MR	MR	R	MR	I
AC Metcalfe	99	13.0	0	0	0	R	F	R	I	I	S	I	I	MR	I

Alberta Seed Guide – 2026

Variety	Yield Category (% AAC Synergy)			Maturity Rating	Test wt (lb/bu)	TKW (g)	Height (cm)	Lodg.	Loose Smut	Surface-borne Smuts	Scald	Net Blotch		Spot Blotch	FHB
	Overall Yield	Low <113 bu/ac	High ≥113 bu/ac									Net form	Spot form		
AAC Prairie	**97**	**95**	**97**	**0**	**53**	**47**	**80**	**F**	**S**	**MR**	**MS**	**I**	**MR**	**I**	**I**
AAC Synergy	100	100	100	0	53	49	81	F	S	I	S	R	MR	R	I
CDC Churchill	104	102	104	+2	53	46	77	G	MS	MR	S	MR	MR	I	MS
CDC Copeland	95	93	96	0	52	48	86	F	MS	I	S	I	I	S	I
CDC Fraser	102	103	101	+1	52	46	78	G	R	MR	MS	MR	MR	R	I
AC Metcalfe	91	89	92	0	53	47	81	F	R	I	S	I	S	I	I

SK Varieties of Grain Crops – 2026

Variety	Yield % AAC Synergy		Maturity	Height (cm)	Lodging	Net-form Net Blotch	Spot-form Net Blotch	Spot Blotch	Scald	FHB	Loose Smut	Other Smuts	Root Rot	Stem Rust
	Area 1 & 2	Area 3 & 4												
AAC Prairie	**96**	**97**	**M**	**74**	**F**	**MR**	**I**	**I**	**MS**	**I**	**S**	**MR**	-	**MR**
AAC Synergy	100	100	M	76	F	MR	R	R	S	I	S	I	I	MR
CDC Churchill	105	104	M	71	G	MR	MR	I	S	MS	MS	MR	-	MR
CDC Copeland	92	93	M	80	F	I	I	S	MS	MR	MS	I	I	MR
CDC Fraser	100	98	M	76	G	MR	R	R	MS	I	R	R	MS	MR
AC Metcalfe	87	86	M	78	F	S	I	I	MS	I	R	I	I	MR

Origin: AAFC (Brandon) **Distributor:** CANTERRA SEEDS

Sources: Seed Manitoba 2026, Alberta Seed Guide (Spring 2026), SaskSeed Guide 2026. Alberta maturity is days +/- the check and protein is shown as an absolute % (check + the guide's difference). "-" = rating not available in the guide.

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