

FEED AND FOOD BARLEY

Variety	2 or 6 row	Awn Type	Overall Station Years of Testing	Yield Category (% AC Metcalfe):					Agronomic Characteristics:					Disease Tolerance:										
				Low <75 (bu/ac)	Medium 75-100 (bu/ac)	High 100-125 (bu/ac)	V. High >125 (bu/ac)	Test Weight (lb/bu)	Maturity Rating	TKW (g)	Height (cm)	Resistance to Lodging	Loose Smut	Other Smuts	Root Rot	Scald	Spot form	Net form	Fusarium Head Blight					
GENERAL PURPOSE																								
Varieties tested in the 2018 trials (Yield and agronomic data only directly comparable to AC Metcalfe)																								
AC Metcalfe	2	R	538	100	100	100	100	100	100	100	100	52	46	79	F	R	R	I	I	S	I	S	I	S
Altorado	2	R	54	113	XX	119	109	114	M	52	49	75	G	MR	MR	MR	S	MR	S	MR	S	I	S	I
CDC Austenson	2	R	92	113	110	113	111	115	L	53	47	79	G	S	R	I	S	R	MS	I	MS	I	MS	I
Claymore	2	R	69	114	106	114	111	117	L	52	47	79	G	S	R	I	S	R	I	S	I	S	I	S
Oreana	2	R	69	111	105	110	114	112	L	53	51	67	VG	S	R	I	S	R	I	S	MR	S	S	S
Previously tested varieties																								
AC Metcalfe	2	R	100	100	100	100	100	100	M	52	46	79	F	R	R	I	S	I	S	I	S	I	S	I
Brahma	2	R	87	111	112	109	113	111	M	53	47	74	G	MS	R	MR	S	I	I	I	I	I	I	I
Busby	2	R	45	104	107	103	106	103	M	53	49	78	G	S	MR	S	I	MR	MS	I	MR	MS	I	I
CDC Coalition	2	R	57	110	107	112	108	109	L	53	47	74	G	R	R	I	S	MR	S	I	MR	S	I	I
CDC Cowboy	2	R	75	95	107	94	93	96	L	52	55	103	F	MS	MR	I	MS	MR	I	MR	S	I	MR	I
CDC Maverick	2	S	43	95	XX	90	97	96	M	54	55	98	F	S	R	I	MS	MR	I	MR	S	I	MR	I
CDC Trey	2	R	106	103	101	105	101	105	M	52	50	80	G	MS	R	MR	MS	R	I	I	I	I	I	I
Champion	2	R	178	112	120	111	111	111	M	53	49	76	G	S	R	MR	S	I	S	I	S	I	S	I
Canmore	2	R	40	107	XX	104	111	108	M	52	49	73	G	R	R	I	MR	MR	MS	I	MR	MS	I	I
CONLON	2	S	63	94	97	93	93	96	VE	52	52	80	G	I	I	MR	S	MR	I	MR	S	I	MR	I
Gadby	2	R	45	112	XX	114	114	108	M	53	51	83	F	R	R	I	R	MR	MS	I	MR	MS	I	I
Ponoka	2	R	120	108	101	107	110	109	L	51	46	80	G	R	R	I	MR	MR	MS	I	MR	MS	I	I
Seebe	2	R	229	101	97	100	102	100	VL	52	50	86	G	S	R	I	MR	MS	S	MR	S	I	MR	I
AC Ranger	6	S	48	107	101	99	118	107	L	49	43	74	F	MS	I	MR	MS	MR	I	MR	MS	I	S	S
AC Rosser	6	S	166	108	101	102	109	113	M	48	41	82	G	MS	R	MR	S	MR	I	MR	S	I	S	S
Amisk	6	SS	40	105	XX	105	104	108	M	49	46	69	VG	S	MS	MS	I	MR	I	MR	I	S	S	S
Chigwell	6	S	43	104	XX	98	106	111	M	49	41	76	G	MS	MR	MS	MR	MR	I	MR	MR	I	S	S
Muskwa	6	S	44	105	XX	103	105	110	M	50	42	73	G	MS	R	MS	MR	MR	I	MR	MR	I	S	S
Sundre	6	S	72	110	100	105	112	117	L	51	43	86	G	MS	R	MS	R	MR	I	MR	MS	I	MS	S
Trochu	6	S	136	107	101	102	109	112	M	49	41	78	G	MS	MR	MR	I	MR	S	I	MR	S	I	I
Vivar	6	R	175	109	97	105	109	115	M	49	44	73	VG	I	R	MR	I	MR	R	I	MR	R	S	S
FULLESS																								
Varieties tested in the 2018 trials (Yield and agronomic data only directly comparable to AC Metcalfe)																								
CDC Ascent	2	R	42	97	XX	108	93	94	M	60	44	82	G	MR	MR	I	MS	MR	S	MR	S	MR	S	MR
Previously tested varieties																								
Falcon	6	S	181	83	72	83	91	89	E	58	35	68	VG	MS	MR	I	I	I	I	I	I	I	I	S

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments at the beginning of this publication. The long term average maturity for AC Metcalfe is 95 days and is rated as Medium (M). Varieties rated Intermediate (I) to Susceptible (S) for smuts should be treated with a systemic seed treatment to reduce the potential for infection. Hullless varieties leave the hull in the field and thus grain yields comparable to hulled varieties are 9 - 12% lower. Handling of hullless varieties should be minimized to avoid seed damage. Falcon is a normal starch barley suitable for food use. New registrations: AB Cattlelac (SR14501) and AB Advantage (SR16511), insufficient data to describe. AB Cattlelac and AB Advantage. XX Insufficient data to describe. † Flagged for possible removal in 2020.