

CANADA WESTERN AMBER DURUM WHEAT

Variety	Overall Station	Years of Testing	Yield Category (% Strongfield):			Agronomic Characteristics:					Disease Tolerance:						
			Low < 45 (bu/ac)	Medium 45 - 70 (bu/ac)	High > 70 (bu/ac)	Maturity Rating	Protein %	Weight (lb/bu)	TKW (g)	Height (cm)	Resistance to:		Loose Smut	Bunt	Stripe Rust	Leaf Spot	Fusarium Head Blight
											Lodging	Sprouting					
Varieties tested in the 2018 trials (Yield and agronomic data only directly comparable to Strongfield)																	
Strongfield	64	34	59	94													
Strongfield	158	100	100	100	M	14.3	63	45	84	F	F	S	I	MR	MS	S	S
AAC Stronghold	13	XX	XX	102	L	-0.3	62	47	79	VG	G	R	I	MR	I	MS	MS
AAC Succeed VB	15	108	XX	98	M	0.5	63	45	80	F	F	R	R	I	MS	MS	MS
Brigade	84	103	105	101	L	-0.6	63	47	87	G	F	MS	R	MR	I	MS	MS
CDC Alloy	21	102	110	96	M	0.2	63	43	83	F	F	I	R	R	MS	MS	MS
CDC Credence	15	104	106	XX	M	-0.1	63	42	84	F	F	MR	R	MR	I	MS	MS
CDC Dynamic	21	96	94	97	M	0.6	62	43	81	F	F	I	R	MR	I	MS	MS
Transcend	50	100	102	99	M	0.8	63	45	87	F	F	S	R	R	I	MS	MS

Previously tested varieties

Strongfield	100	100	100	100	M	14.3	63	45	84	F	F	S	I	MR	MS	S	S
AAC Cabri	25	98	93	XX	M	0.1	62	45	86	G	P	MR	R	R	I	MS	MS
AAC Congress	23	104	100	104	M	-0.3	63	44	81	F	P	MR	R	R	MS	MS	MS
AAC Current	30	99	104	98	M	0	62	44	85	F	F	MS	MR	MR	I	MS	MS
AAC Marchwell VB	32	99	107	96	M	-0.1	63	46	83	F	F	MR	R	R	MS	MS	MS
AAC Raymore	34	97	99	98	M	0.8	62	47	82	F	F	MS	MR	MR	I	S	S
AAC Spitfire	25	97	100	96	M	-0.4	61	46	82	G	P	MS	R	R	MS	S	S
AC Navigator	65	95	102	93	M	XX	63	45	77	G	G	S	R	R	S	S	S
CDC Carbide VB	25	100	104	100	M	0	62	45	85	G	P	MS	R	R	MS	MS	MS
CDC Desire	34	102	106	101	E	0	62	44	83	F	G	MS	R	MR	I	S	S
CDC Fortitude	32	102	102	103	M	-0.6	63	45	81	G	F	MS	R	R	MS	MS	MS
CDC Verona	46	102	103	103	M	XX	62	46	82	G	F	MS	R	R	MS	MS	MS
CDC Vivid	34	100	104	99	M	0.1	62	45	83	G	F	I	R	MR	I	S	S
Enterprise	48	101	104	100	M	XX	63	44	83	G	F	MS	I	R	I	MS	MS

Remarks: For explanations on data summarization methods, abbreviations and other pertinent information, please see the comments at the beginning of this publication. Generally, durum wheat is best adapted to southern Alberta. Outside of this area, durum tends to be late maturing and often subject to quality loss. The long term average maturity for Strongfield is 105 days and is rated as Medium (M). Durum varieties are generally more susceptible to Fusarium Head Blight than CWRS wheat varieties. AAC Cabri, AAC Raymore, AAC Stronghold and CDC Fortitude have a solid stem that confers resistance to the wheat stem sawfly. VB - designates a varietal blend to preserve the *Sr1* orange wheat blossom midge tolerance gene. XX - Insufficient data to describe. † - Flagged for possible removal in 2020.