

CANADA WESTERN SPECIAL PURPOSE WHEAT

Variety	Yield Category (Carberry):			Agronomic Characteristics:							Disease Tolerance:						
	Overall Station Years of Testing	Low	Medium	High	Maturity Rating	Protein %	TKW (g)	Height (cm)	Awns (Y/N)	Resistance to:			Loose Smut	Bunt	Stripe Rust	Leaf Spot	Fusarium Head Blight
		< 55 (bu/ac)	55-80 (bu/ac)	> 80 (bu/ac)						Lodging	Sprouting	Carberry					
Varieties tested in the 2018 trials (Yield and agronomic data only directly comparable to Carberry)																	
Carberry (bu/ac)	71	37	58	83													
Carberry - check ☺	54	100	100	100	L	14	40	79	Y	VG	F	MR	R	MR	MS	MR	MR
AAC Awesome VB ☺	41	135	134	139	L	-2.5	44	89	Y	G	P	I	I	R	I	I	I
Alderon	41	135	122	143	XL	-2.8	41	74	N	VG	F	XX	MS	MR	I	XX	XX
Charing VB ▲	41	138	135	143	XL	-2.5	41	79	N	VG	G	XX	XX	R	MR	XX	XX
Sparrow VB	41	136	130	141	XL	-2.6	41	79	N	VG	G	XX	I	MR	I	XX	XX
Pasteur	30	131	127	135	XL	-3	40	81	N	VG	G	MS	S	MR	I	I	I
Previously tested varieties																	
Carberry - check ☺	100	100	100	100	L	14	40	79	Y	VG	F	MR	R	MR	MS	MR	MR
AAC Innova ☺	38	128	126	130	L	-3.4	41	82	Y	G	P	S	S	R	I	S	S
AAC NRG097 † ☺	41	118	113	119	L	-3.2	47	80	Y	G	F	I	R	S	I	I	I
CDC NRG003 † ☺	51	114	111	113	M	-2.1	43	80	Y	G	F	MS	R	XX	MS	S	S
SY087 ☺	41	114	117	115	M	-1.6	40	82	Y	G	F	MS	MR	MR	I	MR	MR

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 Carberry is 108 days and rated as Late (L). Fusarium Head Blight (FHB) infection is highly influenced by the environment and heading date. Under high levels of FHB all varieties will sustain damage. Moderately Resistant (MR) and Resistant (R) ratings for FHB do not equate to immunity. Varieties rated intermediate (I) to Susceptible (S) for loose smut or bunt should be treated with a systemic seed treatment to reduce the potential for infection. VB - designates a varietal blend to preserve the *Srn1* orange wheat blossom midge tolerance gene. XX - Insufficient data to describe. † - Flagged for possible removal in 2020.