

Technical Bulletin

Genes that fit *your* farm.

SeCan

Canada's Seed Partner

WPB Whistler Canada Western Special Purpose Wheat



Progress Through Research
Le progrès grâce à la recherche

Description:

WPB Whistler is a very short, strong-stawed special purpose wheat with exceptionally high grain yield and late maturity. **WPB Whistler** will be ideally suited to intensive management in the long season growing regions of western Canada.

Parentage: LW 018W004-01 x Hamlet

Strengths:

- Yield 101% of Pasteur
- Excellent lodging resistance, better than Pasteur
- 4cm shorter than Pasteur
- Resistant to leaf rust, stripe rust and stem rust

Weaknesses:

- Late maturity similar to Pasteur
- Lower test weight than check varieties
- Moderately susceptible to FHB

Breeder:

Wiersum Plant Breeding, Netherlands

PBR 91 Applied For

2016-2017 Special Purpose Coop Registration Trials

Variety	Mean (kg/ha)	Yield as % Pasteur	Maturity (days)	Lodging 1 = erect 9 = flat	Height (cm)	Test Weight (kg/hl)	Kernel Weight (mg/kernel)
Pasteur	6730	100	106	2.0	89.7	79.7	38.1
AC Andrew	6541	97	104	2.4	89.3	75.7	35.6
AAC Awesome	7032	104	104	2.7	93.7	78.8	42.2
WPB Whistler	6797	101	106	1.6	86.0	75.9	40.7

2022 Seed Manitoba - Wheat Comparison

Variety	Site Years Tested	Yield bu/ac	Protein %	Maturity +/- 99 days	Height +/- 81cm	Spike Awned	Resistance to:								
							Lodging	Sprouting	Loose Smut	Common Bunt	Leaf Spot	Stem Rust	Leaf Rust	Stripe Rust	FHB
AAC Brandon	85	71	14.4	2	0	Y	VG	P	MR	S	I	R	R	MR	MR
AAC Awesome VB	33	89	11.5	4	10	Y	G	P	I	I	I	R	MR	R	I
AAC Paramount	34	84	11.5	4	8	Y	VG	P	MR	S	---	I	I	R	MS
AC® Sadash VB	35	77	10.8	4	8	Y	VG	P	I	S	---	MR	I	R	S
KWS® Alderon	33	78	12.0	9	-5	N	VG	F	---	MS	I	MR	R	MR	---
KWS® Sparrow VB	33	81	12.5	8	0	N	VG	G	---	I	I	MR	R	MR	---
Pasteur	39	79	12.9	7	5	N	VG	G	MS	S	I	MR	R	MR	I
WPB Whistler	31	80	11.8	7	1	N	VG	---	---	I	---	R	R	R	I

Lodging Ratings: F=Fair; G=Good; VG=Very Good

Disease Ratings: R=Resistant; MR=Moderately Resistant; I=Intermediate; MS=Moderately Susceptible; S=Susceptible

2022 Varieties of Grain Crops for Saskatchewan – Wheat Comparison

Variety	Years Tested	Yield as % AAC Brandon			Protein	Resistance to:									Awns	Stem Solid-ness	Relative Maturity (days)	Seed Weight (mg)	Test Weight (kg/hl)	Height (cm)	
		Area 1 & 2	Area 3 & 4	Irrigation		Lodging	Sprouting	Stem Rust	Leaf Rust	Stripe Rust	Loose Smut	Bunt	Leaf Spot	FHB							
AAC Brandon	6	100	100	100	14.3	G	P	R	R	MR	MR	MR	S	I	MR	Y	H	101	35.9	80.5	81
AAC Awesome VB	5	125	126	127	-3.0	F	P	R	MR	R	I	I	I	I	Y	H	H	+1	+4.0	-1.7	+7
AAC Paramount VB	5	122	122	128	-3.2	VG	P	I	I	R	MR	S	---	MS	Y	H	H	+1	+0.5	-2.9	+7
AC Andrew	5	122	129	---	-2.9	VG	P	MR	MS	I	S	S	---	I	Y	H	H	+1	-0.2	-3.3	0
AC® Sadash VB	5	129	131	---	-3.6	VG	P	MR	I	R	I	S	---	S	Y	H	H	0	-1.0	-2.8	+3
KWS® Alderon	5	126	121	121	-2.9	VG	F	MR	R	MR	---	MS	I	MS	N	H	H	+4	-0.1	-7.6	-5
KWS® Sparrow VB	5	124	125	128	-2.5	VG	G	MR	R	MR	---	I	I	MR	N	H	H	+4	-0.4	-4.4	0
Pasteur	5	112	118	---	-1.9	VG	G	MR	R	MR	MS	S	I	I	N	H	H	+2	+0.1	-1.4	+4
WPB Whistler	2	99	115	---	-2.9	VG	---	R	R	R	---	I	---	MS	---	H	H	+3	+1.6	-4.4	-4

VG = Very Good; G = Good; F = Fair; P = Poor; VP = Very Poor; Disease Ratings: R=Resistant; MR=Moderately Resistant; I=Intermediate; MS=Moderately Susceptible; S=Susceptible

2022 Alberta Seed Guide – Special Purpose and Soft White Spring Wheat Comparison

Variety	Overall Yield		Yield Category (% AAC Brandon)		Maturity Rating (Days +/- AAC Brandon)	Protein %	Test Weight (lb/bu)	Kernel Weight g/1000	Height (cm)	Awns (Y/N)	Resistance to:		Disease Tolerance:		
	Station years of testing	Overall yield	Low <77 bu/ac	High >77 bu/ac							Lodging	Sprouting	Bunt	Stripe Rust	FHB
AAC Brandon (bu/ac)		83	52	93											
AAC Brandon - check		100	100	100	104	14.0	63	40	84	Y	G	P	S	MR	MR
AAC Awesome VB	37	128	124	129	0	-2.5	62	44	92	Y	G	P	I	R	I
AAC Paramount VB	39	125	116	127	0	-3.0	61	41	89	Y	VG	P	S	R	MS
AC Andrew	44	121	115	123	+1	-3.1	61	40	85	Y	VG	P	A	I	I
AC® Sadash VB	39	125	118	127	0	-3.2	63	40	88	Y	VG	P	A	R	S
KWS® Alderon	37	128	116	131	+4	-2.8	58	41	81	N	VG	F	MS	MR	MS
KWS® Sparrow VB	37	128	122	130	+4	-2.6	60	41	85	N	VG	G	I	MR	MR
Pasteur	41	120	115	122	+3	-2.0	61	41	85	N	VG	G	S	MR	I
WPB Whistler	27	120	113	122	+3	-2.6	59	41	78	N	VG	XX	I	R	MS

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For more information, call 1-800-665-7333 or visit www.secan.com