

# Technical Bulletin

Genes that fit *your* farm.

**SeCan**

Canada's Seed Partner

## AAC Paramount VB Soft White Spring Wheat



Progress Through Research  
Le progrès grâce à la recherche



### Description:

AAC Paramount VB is a high yielding soft white spring wheat with an excellent agronomic package, large kernel size and improved falling number. AAC Paramount VB also has the SM1 gene for tolerance to the orange wheat blossom midge and AC Andrew will be the refuge in the varietal blend. AAC Paramount VB has maturity similar to AC Andrew, manage maturity by seeding early and increasing seeding rate to hasten maturity.

**Parentage:** Sadash X SWS366

### Strengths:

- 6% higher yield than AC Andrew and 3% higher yield than AC<sup>®</sup> Sadash in Cooperative Registration trials
- Excellent lodging resistance similar to AC Andrew
- Larger kernel size than both AC Andrew and AC<sup>®</sup> Sadash
- Good resistance to stripe rust, loose smut and powdery mildew
- Improved falling number

### Neutral Traits:

- Intermediate resistance to leaf rust, stem rust, black point and leaf spot
- 4cm taller than AC Andrew
- Maturity equal AC Andrew

### Weaknesses:

- Susceptible to common bunt and FHB

### Breeder:

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Lethbridge Research Centre, Lethbridge AB

### PBR 91 Protected

### 2012-2014 Western Soft White Spring Wheat Cooperative Registration Trials

Variety	Mean* (kg/ha)	% AC Andrew	Maturity* (days)	Lodging 1 = erect 9 = flat	Height (cm)	Test Weight (kg/hl)	Kernel Weight (mg/kernel)
AC Andrew	6772	100	105	2.5	92	76.4	38.0
AC <sup>®</sup> Sadash	6993	103	105	2.6	94	77.9	37.7
AAC Paramount VB	7185	106	105	2.6	96	77.4	39.6

Variety	Leaf Rust	Stem Rust	Stripe Rust	Common Bunt	Loose Smut	Powdery Mildew	Black Point	Leaf Spot	FHB
AC Andrew	MS	MR	I	S	S	R	I	I	I
AC <sup>®</sup> Sadash	I	MR	R	S	I	R	I	I	S
AAC Paramount VB	I	I	R	S	MR	R	I	I	MS

For more information, call 1-800-665-7333 or visit [www.secan.com](http://www.secan.com)

## 2024 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 Awesome VB	33	93	11.6	4	10	Y	G	P	I	I	I	R	MR	R	I
AAC Brandon	109	74	14.4	2	0	Y	VG	P	MR	S	I	R	R	MR	MR
Alotta	5	96	12.4	4	-1	Y	VG	---	---	I	---	R	R	R	MS
Pasteur	39	82	13.1	7	5	N	VG	G	MS	S	I	MR	R	MR	I
WPB Whistler	31	83	11.8	7	1	N	VG	G	---	I	---	R	R	R	I
<b>AAC Paramount VB</b>	<b>34</b>	<b>88</b>	<b>11.5</b>	<b>4</b>	<b>8</b>	<b>Y</b>	<b>VG</b>	<b>P</b>	<b>MR</b>	<b>S</b>	<b>---</b>	<b>I</b>	<b>I</b>	<b>R</b>	<b>MS</b>

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

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

## 2024 Varieties of Grain Crops for Saskatchewan – Wheat Comparison

Variety	Years Tested	Yield as % AAC Brandon		Protein	Resistance to:									Awns	Stem Solidness	Relative Maturity (days)	Seed Weight (mg)	Test Weight (kg/ha)	Height (cm)
		Area 1 & 2	Area 3 & 4		Lodging	Sprouting	Stem Rust	Leaf Rust	Stripe Rust	Loose Smut	Bunt	Leaf Spot	FHB						
AAC Brandon	6	100	100	14.3	G	P	R	R	MR	MR	S	I	MR	Y	H	101	35.9	80.7	81
AAC Awesome VB	5	125	126	-3.0	F	P	R	MR	R	I	I	I	I	Y	H	+1	+4.2	-1.6	+8
AC Andrew	5	122	129	-3.0	VG	P	MR	MS	I	S	S	---	I	Y	H	+1	+0.1	-3.1	+1
AC® Sadash VB	5	128	131	-3.7	VG	P	MR	I	R	I	S	---	S	Y	H	+1	-0.6	-2.7	+4
KWS® Alderon	5	126	121	-3.0	VG	F	MR	R	MR	---	MS	I	MS	N	H	+4	+0.1	-7.4	-5
KWS® Sparrow VB	5	124	125	-2.6	VG	G	MR	R	MR	---	I	I	MR	N	H	+4	-0.1	-4.3	+1
Pasteur	5	112	118	-2.0	VG	G	MR	R	MR	MS	S	I	I	N	H	+2	+0.4	-1.2	+5
WPB Whistler	4	108	118	-2.9	VG	F	R	R	R	---	I	---	MS	N	S	+3	+1.5	-4.6	-3
<b>AAC Paramount VB</b>	<b>5</b>	<b>122</b>	<b>122</b>	<b>-3.3</b>	<b>VG</b>	<b>P</b>	<b>I</b>	<b>I</b>	<b>R</b>	<b>MR</b>	<b>S</b>	<b>---</b>	<b>MS</b>	<b>Y</b>	<b>H</b>	<b>+1</b>	<b>+0.7</b>	<b>-2.8</b>	<b>+7</b>

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

Stem Solidness: H = Hollow, SS = semi-solid, S = solid;

## 2024 Alberta Seed Guide – Special Purpose and Soft White Spring Wheat Comparison

Variety	Most Recent Year of Testing	Station years of testing	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:		
				Low <77 bu/ac	High >77 bu/ac							Lodging	Sprouting	Bunt	Stripe Rust	FHB
<b>AAC Brandon (bu/ac)</b>			<b>83</b>	<b>52</b>	<b>94</b>											
AAC Brandon - check	2023	71	100	100	100	104	14.0	63	39	84	Y	G	P	S	MR	MR
AAC Awesome VB	2018	37	128	124	129	0	-2.5	62	44	92	Y	G	P	I	R	I
AC Andrew	2023	71	118	111	120	0	-3.0	62	40	85	Y	VG	P	S	I	I
AC® Sadash VB	2019	39	125	118	127	0	-3.2	63	40	88	Y	VG	P	S	R	S
KWS® Alderon	2018	37	128	116	131	+4	-2.8	58	41	81	N	VG	F	MS	MR	MS
KWS® Sparrow VB	2018	37	128	122	130	+4	-2.6	60	41	85	N	VG	G	I	MR	MR
Pasteur	2021	52	119	113	120	+3	-2.4	63	39	86	N	VG	G	S	MR	I
WPB Whistler	2021	27	120	113	122	+3	-2.6	60	40	78	N	VG	F	I	R	MS
<b>AAC Paramount VB</b>	<b>2019</b>	<b>39</b>	<b>125</b>	<b>116</b>	<b>127</b>	<b>0</b>	<b>-3.0</b>	<b>61</b>	<b>41</b>	<b>89</b>	<b>Y</b>	<b>VG</b>	<b>P</b>	<b>S</b>	<b>R</b>	<b>MS</b>

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

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