

# Technical Bulletin

Genes that fit *your* farm.



## 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:

Dr. Harpinder Randhawa  
Agriculture and Agri-Food Canada  
Lethbridge Research Centre, Lethbridge AB

### PBR 91 Granted

### 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)

### 2019 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	Bunt	Leaf Spot	Stem Rust	Leaf Rust	Stripe Rust	FHB
AC Andrew	30	77	10.9	+4	+3	Y	VG	P	S	S	---	MR	MS	I	I
AAC Indus VB	33	78	10.9	+6	+5	Y	VG	P	S	MS	MS	S	I	R	MS
AC® Sadash	35	76	10.7	+4	+8	Y	VG	P	I	S	---	MR	I	R	S
<b>AAC Paramount VB</b>	<b>7</b>	<b>85</b>	<b>11.4</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

### 2019 Varieties of Grain Crops for Saskatchewan – Wheat Comparison

Variety	Years Tested	Yield as % of Carberry			Protein	Resistance to:									Relative Maturity (days)	Head Awedness	Seed Weight (mg)	Test Weight (kg/hl)	Height (cm)
		Area 1 & 2	Area 3 & 4	Irr.		Lodging	Sprouting	Stem Rust	Leaf Rust	Stripe Rust	Loose Smut	Bunt	Leaf Spot	FHB					
AC® Carberry	6	100	100	100	14.6	VG	F	MR	R	MR	MR	R	MS	MR	99	Y	35.7	80.3	83
AC Andrew	5	130	137	---	---	VG	P	MR	MS	I	S	S	---	I	+2	Y	-1.4	-5.0	+3
AAC Indus VB	4	132	131	---	-3.9	VG	P	S	I	R	S	MS	MS	MS	+3	Y	+2.9	-2.5	+8
AC® Sadash	5	137	139	---	---	VG	P	MR	I	R	I	S	---	S	+3	Y	-1.6	-2.3	+5
<b>AAC Paramount VB</b>	<b>4</b>	<b>133</b>	<b>132</b>	<b>---</b>	<b>-3.4</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>+1</b>	<b>Y</b>	<b>+2.1</b>	<b>-2.3</b>	<b>+7</b>

G=Good; VG=Very Good; F=Fair; P=Poor; VP=Very Poor

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

### 2019 Alberta Seed Guide – CPS & GP Wheat Comparison

Variety	Overall Yield		Test Yield Category			Maturity Rating	Protein %	Test Weight (lb/bu)	TSW (g)	Height (cm)	Resistance to:			Disease Tolerance				
	All Sites	Station years of testing	Low <65 bu/ac	Med 65 - 100 bu/ac	High >100 bu/ac						Lodging	Sprouting	Loose Smut	Bunt	Stripe Rust	Leaf Spot	FHB	
<b>AC Andrew (bu/ac)</b>	<b>85</b>		<b>54</b>	<b>86</b>	<b>121</b>													
AC Andrew	100	152	100	100	100	L	11.0	62	40	80	VG	P	S	S	I	MS	I	
AC® Carberry	78	54	80	82	74	L	+3	63	40	79	VG	F	MR	R	MR	MS	MR	
AAC Indus VB	104	39	96	108	105	VL	-0.2	61	42	87	VG	P	S	MS	R	MS	MS	
AC® Sadash VB	106	76	110	105	104	L	-0.1	63	40	82	VG	P	I	S	R	I	S	
<b>AAC Paramount VB</b>	<b>104</b>	<b>30</b>	<b>XX</b>	<b>105</b>	<b>103</b>	<b>L</b>	<b>+0.1</b>	<b>62</b>	<b>41</b>	<b>86</b>	<b>VG</b>	<b>P</b>	<b>MR</b>	<b>S</b>	<b>R</b>	<b>I</b>	<b>MS</b>	

Ratings: 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