Technical Bulletin

Genes that fit *your* farm.

SeCan
Canada's Seed Partner

AAC Paramount VB

Soft White Spring Wheat

91
Progress Through Research
Le progrès grâce à la recherche

MIDGE TOLERANT WHEAT
Plant·Protect·Preserve

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® Sadash in Cooperative Registration trials
- Excellent lodging resistance similar to AC Andrew
- Larger kernel size than both AC Andrew and AC® 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® 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® 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

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2021 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
AAC Brandon	74	71	14.3	+2	0	Y	VG	P	MR	S	I	R	R	MR	MR
AAC Indus VB	33	80	11.0	+6	+5	Y	VG	P	S	MS	MS	S	I	R	MS
AC® Sadash VB	35	77	10.7	+4	+8	Y	VG	P	I	S	---	MR	I	R	S
AAC Paramount VB	**34**	**85**	**11.4**	**+4**	**+8**	**Y**	**VG**	**P**	**MR**	**S**	**---**	**I**	**I**	**R**	**MS**

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

2021 Varieties of Grain Crops for Saskatchewan – Wheat Comparison

Variety	Years Tested	Yield as % of Carberry			Protein	Resistance to:									Relative Maturity (days)	Head Awnedness	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	14.5	VG	F	MR	R	MR	MR	R	MS	MR	102	Y	35.8	80.3	83
AC Andrew	5	130	137	---	-3.2	VG	P	MR	MS	I	S	S	---	I	+1	Y	+0.6	-3.0	0
AC® Sadash VB	5	137	139	---	-3.8	VG	P	MR	I	R	I	S	---	S	+1	Y	-0.3	-2.6	+3
AAC Paramount VB	**5**	**130**	**131**	**139**	**-3.4**	**VG**	**P**	**I**	**I**	**R**	**MR**	**S**	**---**	**MS**	**+1**	**Y**	**+1.4**	**-2.6**	**+7**

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

2021 Alberta Seed Guide – SWS Wheat Comparison

Variety	Overall Station Years of Testing	Overall Yield	Yield as % of AC® Carberry			Maturity Rating Days +/- AC® Carberry	Protein %	Test Weight (lb/bu)	TSW (g)	Height (cm)	Awns (Y/N)	Resistance to:		Disease Tolerance		
			Low <65 bu/ac	Med 65 - 100 bu/ac	High >100 bu/ac							Lodging	Sprouting	Bunt	Stripe Rust	FHB
AC® Carberry (bu/ac)		**73**	**43**	**67**	**93**											
AC® Carberry	82	100	100	100	100	104	14.0	63	40	85	Y	VG	F	R	MR	MR
AAC Indus VB	39	135	119	140	142	+2	-3.3	61	42	93	Y	VG	P	MS	R	MS
AC Andrew	180	131	124	130	135	+1	-3.1	62	40	85	Y	VG	P	S	I	I
AC® Sadash VB	90	137	134	136	139	0	-3.2	63	40	88	Y	VG	P	S	R	S
AAC Paramount VB	**44**	**134**	**129**	**135**	**135**	**0**	**-3.0**	**61**	**41**	**89**	**Y**	**VG**	**P**	**S**	**R**	**MS**

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

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