

Technical Bulletin

Genes that fit *your* farm.

SeCan

Canada's Seed Partner

AAC Indus VB Soft White Spring Wheat



Progress Through Research
Le progrès grâce à la recherche



Description:

AAC Indus VB is a high yielding soft white spring wheat with an excellent agronomic package, improved milling quality and large kernel size. AAC Indus 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 Indus VB is ideally suited to the long season growing regions of the Canadian prairies.

Parentage: Sadash X SWS340

Strengths:

- 9% higher yield than AC Andrew and 4% higher yield than AC® Sadash in Cooperative Registration trials
- Excellent lodging resistance equal to AC Andrew
- Excellent milling quality with improved flour yield compared to AC® Sadash
- Resistant to stripe rust and powdery mildew

Neutral Traits:

- Intermediate resistance to leaf rust

Weaknesses:

- 3 days later maturing than AC Andrew
- Susceptible to stem rust
- 6cm taller than AC Andrew

Breeder:

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Agriculture and Agri-Food Canada
Lethbridge Research Centre, Lethbridge AB

PBR 91 Protected

2011-2013 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 Reed	5851	89	104	2.6	85	77.8	35.4
AC Andrew	6584	100	106	2.4	89	77.8	37.1
AC® Sadash	6928	105	106	2.4	92	79.2	37.9
AAC Indus VB	7143	109	108	2.4	95	78.4	39.5

Variety	Leaf Rust	Stem Rust	Stripe Rust	Common Bunt	Loose Smut	Powdery Mildew	Black Point	Leaf Spot	FHB
AC Reed	S	S	MS	S	---	MR	I	I	S
AC Andrew	MS	MR	I	S	S	R	I	I	I
AC® Sadash VB	I	MR	R	S	I	R	I	I	S
AAC Indus VB	I	S	R	MS	S	R	I	MS	MS

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

Jan 2020

2020 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 Paramount VB	34	83	11.4	+4	+8	Y	VG	P	MR	S	---	I	I	R	MS
AC® Sadash VB	35	76	10.7	+4	+8	Y	VG	P	I	S	---	MR	I	R	S
AAC Indus VB	33	79	10.9	+6	+5	Y	VG	P	S	MS	MS	S	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

2020 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	14.5	VG	F	MR	R	MR	MR	R	MS	MR	102	Y	35.8	80.3	83
AC Andrew	5	130	137	---	-3.3	VG	P	MR	MS	I	S	S	---	I	+2	Y	-1.0	-3.5	+2
AAC Paramount VB	5	130	131	139	-3.3	VG	P	I	I	R	MR	S	---	MS	+1	Y	+2.1	-2.9	+7
AC® Sadash VB	5	137	139	---	-4.0	VG	P	MR	I	R	I	S	---	S	+1	Y	-1.5	-2.4	+4
AAC Indus VB	5	131	133	138	-3.7	VG	P	S	I	R	S	MS	MS	MS	+3	Y	+2.8	-2.8	+8

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

2020 Alberta Seed Guide – CPS & GP Wheat Comparison

Variety	Overall Yield		Test Yield Category			Maturity Rating (Days +/- AC Andrew)	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
			Yield as % of AC Andrew														
AC Andrew (bu/ac)	88		53	86	123												
AC Andrew	100	166	100	100	100	105	10.9	62	40	80	VG	P	S	S	I	MS	I
AC® Carberry	79	68	79	82	76	-1	+2.9	63	40	79	VG	F	MR	R	MR	MS	MR
AAC Paramount VB	102	44	XX	105	103	0	+0.1	63	41	87	VG	P	MR	S	R	I	MS
AC® Sadash VB	105	90	108	105	103	0	-0.1	63	40	83	VG	P	I	S	R	I	S
AAC Indus VB	104	39	96	108	105	+2	-0.2	61	42	87	VG	P	S	MS	R	MS	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