

Technical Bulletin

Genes that fit *your* farm.

SeCan

Canada's Seed Partner

AAC Indus Soft White Spring Wheat

Description:

AAC Indus is a high yielding soft white spring wheat with an excellent agronomic package, improved milling quality and large kernel size. AAC Indus 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
- 6 cm taller than AC Andrew

Breeder:

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

Plant Breeders' Rights applied for

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	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	I	MR	R	S	I	R	I	I	S
AAC Indus	I	S	R	MS	S	R	I	MS	MS

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

2017 Seed Manitoba - Wheat Comparison

Variety	Site Years Tested	Yield bu/ac	Protein %	Maturity +/- 99 days	Height +/- 91cm	Spike Awned	Resistance to:								
							Lodging	Sprouting	Loose Smut	Bunt	Leaf Spot	Stem Rust	Leaf Rust	Stripe Rust	FHB
AC Andrew	30	72	10.9	4	+3	Y	VG	P	S	S	---	MR	MS	I	I
AC® Sadash	35	71	10.7	4	+8	Y	VG	P	I	S	---	MR	I	R	S
AAC Indus	19	70	11.0	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

2017 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	Irrigation		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	100	Y	34.5	79.0	83
AC Andrew	5	129	136	---	---	VG	P	MR	MS	I	S	S	---	I	+2	Y	-1.4	-5.0	+3
AAC Paramount	1	134	126	---	-4.5	VG	VP	I	I	R	MR	S	I	MS	+1	Y	+1.4	-2.9	+8
AC® Sadash	5	136	136	---	---	VG	P	MR	I	R	I	S	---	S	+3	Y	0.0	-3.0	+6
AAC Indus	2	130	124	---	-3.9	VG	P	S	I	R	S	MS	MS	MS	+5	Y	+2.3	-3.2	+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

2017 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 < 45 bu/ac	Med 45 - 70 bu/ac	High >70 bu/ac						Lodging	Sprouting	Loose Smut	Bunt	Stripe Rust	Leaf Spot	FHB		
AC Andrew (bu/ac)	83		35	75	116														
AC Andrew	100		100	100	100	L	10.8	61	39	79	VG	P	S	S	I	MS	I		
AC® Sadash	110+	51	113+	107+	109+	L	+0.2	63	39	82	VG	P	I	S	R	I	S		
AAC Indus	102	24	XX	102	105	VL	-0.6	62	44	87	VG	P	S	S	MR	I	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