

Technical Bulletin

Genes that fit *your* farm.

SeCan

Canada's Seed Partner

AAC Goodwin Canada Prairie Spring Red Wheat



Progress Through Research
Le progrès grâce à la recherche

Description:

AAC Goodwin is a short strong strawed CPS wheat that has high grain yield potential and good disease resistance. AAC Goodwin is unique in that both parent lines are CWRS varieties leading to the highest protein in a CPS wheat currently available. AAC Goodwin should be well adapted to all growing regions of western Canada.

Parentage: Carberry/AC Cadillac

Strengths:

- Grain yield 112% of AC® Carberry in western bread wheat registration trials
- Excellent lodging resistance, similar to AC® Carberry
- Highest protein CPS based on provincial regional variety trials
- Resistant to leaf rust and stripe rust

Neutral Traits:

- Intermediate resistance to FHB, stem rust, bunt and leaf spot

Weaknesses:

- Moderately susceptible to Loose Smut

Breeder:

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PBR 91 Protected

2013-2014 Western Bread Wheat Cooperative Trials - Registration Data

Variety	Yield (% of Mean of Checks)	Maturity (days)	Lodging 1 = erect 9 = flat	Height (cm)	Test Weight (kg/kl)	Kernel Weight (mg/kernel)	Grain Protein (%)	Falling Number	FHB Resistance Rating
Katepwa	94.0	97.6	3.4	107	78.2	33.4	14.0	N/A	I
AC® Carberry	103.7	101.0	1.3	88	80.0	35.8	14.1	398	MR
Glenn	104.6	100.4	1.9	98	82.9	34.5	13.8	368	I
AAC Goodwin	116.0	101.1	1.4	88	79.9	36.8	13.7	448	I

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 Brandon	109	74	14.4	2	0	Y	VG	P	MR	S	I	R	R	MR	MR
AAC Penhold	44	78	14.0	1	-10	Y	VG	VG	I	R	I	MR	R	MR	MR
AAC Rimbey VB	29	81	12.5	1	0	Y	G	VG	---	I	---	R	R	R	I
AAC Westlock	5	81	13.5	1	-1	Y	VG	---	---	R	---	R	R	R	MR
AAC Goodwin	33	79	14.2	2	0	Y	VG	G	MS	I	I	I	R	R	I

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

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

2023 Varieties of Grain Crops for Saskatchewan – Wheat Comparison

Variety	Years Tested	Yield as % AAC Brandon		Protein	Resistance to:									Awns	Stem Solid-ness	Relative Maturity (days)	Seed Weight (mg)	Test Weight (kg/hl)	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	80.6	81
AAC Foray VB	5	104	108	-1.5	F	P	MR	R	I	MS	I	MS	I	Y	H	0	+7.0	-1.6	+6
AAC Penhold	5	101	100	-0.7	VG	VG	MR	R	MR	I	R	I	MR	Y	H	-2	+4.2	-0.4	-9
AAC Rimbey VB	2	108	109	-1.6	F	VG	R	R	R	---	I	---	I	Y	H	-1	+6.2	-2.5	-2
AAC Westlock	1	111	105	-1.4	G	---	R	R	R	---	R	---	MR	Y	H	0	+5.5	-1.2	0
AAC Goodwin	5	109	106	-0.3	G	G	I	R	R	MS	I	I	I	Y	H	+2	+0.8	0.0	-1

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

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

2026 Alberta Seed Guide - CPSR 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
AAC Brandon (bu/ac)			79	57	95											
AAC Brandon - check	2025	296	100	100	100	104	14.0	63	39	84	Y	F	P	S	MR	MR
AAC Penhold	2025	138	100	96	102	0	-0.7	64	43	77	Y	VG	VG	R	I	MR
AAC Rimbey VB	2023	36	106	99	110	0	-2.1	63	44	85	Y	G	VG	I	R	I
AAC Westlock	2023	36	106	101	108	+1	-1.3	64	44	86	Y	G	G	R	R	MR
CDC Warburg	2025	48	108	102	113	+1	-1.4	64	43	87	Y	VG	P	R	R	I
AAC Goodwin	2025	52	104	103	104	0	-0.6	65	40	86	Y	G	VG	MS	R	I

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