

Technical Bulletin

Genes that fit *your* farm.

SeCan

Canada's Seed Partner

Ellerslie Canada Western Red Spring Wheat



Progress Through Research
Le progrès grâce à la recherche

Description:

Ellerslie is an awnletted CWRS variety with high grain yield potential, medium maturity, and very good straw strength. Ellerslie is medium height, has good resistance to leaf, stem and stripe rust as well as intermediate resistance to FHB. Ellerslie is well suited to all growing regions of western Canada.

Parentage: Peace/Stanley

Strengths:

- 108% of AC® Carberry in registration trials
- 2 days earlier maturity than AC® Carberry
- Very good lodging tolerance equal to AC® Carberry in registration trials
- High falling number (which is associated with reduced preharvest sprouting)
- Resistant to stem and stripe rust
- Moderately resistant to leaf rust

Neutral Traits:

- Intermediate resistance to FHB and leaf spot
- Slightly lower protein than the checks
- 7cm taller than AC® Carberry

Weaknesses:

- Moderately susceptible to bunt

Breeder:

Dr. Dean Spaner
University of Alberta



PBR 91 Protected

2015-2017 Parkland Wheat Cooperative Trials - Registration Data

Variety	Yield (% of Check Mean)	Maturity (days)	Lodging 1 = erect 9 = flat	Height (cm)	Test Weight (kg/hl)	Kernel Weight (g/1000)	Grain Protein (%)	Falling Number
Glenn	101.4	101.6	2.0	91.8	82.5	36.7	14.3	320
Parata	103.0	98.0	3.1	92.0	80.5	35.6	14.6	425
AC Splendor	95.6	97.0	3.1	95.8	78.3	37.4	15.0	395
Ellerslie	111.1	99.7	2.0	90.2	79.7	36.1	14.0	403

2016 & 2017 Parkland Wheat Cooperative Trials - Registration Data

Variety	Yield (% of Check Mean)	Maturity (days)	Lodging 1 = erect 9 = flat	Height (cm)	Test Weight (kg/hl)	Kernel Weight (g/1000)	Grain Protein (%)	Falling Number
Carberry	101	104.0	2.0	87.5	80.9	38.6	14.25	355
Glenn	100	103.5	2.1	95.8	82.9	37.7	14.25	335
Parata	102	99.8	3.3	96.3	81.0	36.5	14.45	438
AC Splendor	96	99.3	3.2	101.0	79.1	38.7	14.1	390
Ellerslie	109	101.5	2.0	94.7	80.4	37.1	14.05	400

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

2023 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 Alida VB	33	72	14.7	2	6	Y	VG	VG	R	I	MS	R	R	MR	MR
AAC Brandon	97	73	14.5	2	0	Y	VG	P	MR	S	I	R	R	MR	MR
AAC Redstar	31	72	14.5	0	6	Y	VG	G	---	MR	---	R	MR	MR	MR
AAC Starbuck VB	36	77	14.7	1	1	Y	G	F	MR	S	S	I	MR	MR	MR
AAC Tisdale	32	72	15.3	1	8	Y	G	F	MR	MR	MS	R	R	S	MR
AAC Wheatland VB	33	77	14.5	1	0	Y	VG	G	R	MR	S	R	R	I	I
CDC SKRush	31	75	14.7	2	4	Y	VG	P	---	I	---	MR	R	MR	MR
Ellerslie	31	67	14.7	0	+5	N	VG	G	---	S	---	R	MR	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 Solidness	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 Alida VB	5	98	98	+0.1	VG	VG	R	R	MR	R	I	MS	MR	Y	H	0	+1.2	+0.2	+7
AAC Redstar	3	92	104	-0.1	F	G	R	MR	MR	---	MR	---	MR	Y	H	-2	-0.2	-1.3	+8
AAC Starbuck VB	5	104	108	-0.2	F	F	I	MR	MR	S	MR	Y	MR	Y	H	0	0.0	+0.4	+2
AAC Tisdale	5	95	98	+0.8	F	F	R	R	S	MR	MR	MS	MR	Y	H	-2	+0.2	-0.6	+8
AAC Wheatland VB	5	104	105	-0.2	VG	G	R	R	I	R	MR	S	I	Y	H	0	-0.5	+0.1	+2
AC® Carberry	6	94	94	+0.3	VG	F	MR	R	MR	MR	R	MS	MR	Y	H	0	-0.4	-0.2	0
CDC SKRush	4	100	104	-0.2	G	P	MR	R	MR	---	I	---	MR	Y	H	-1	-3.5	-0.9	+7
Ellerslie	4	94	97	-0.1	VG	F	R	MR	R	---	S	---	I	N	H	-2	-3.2	-2.6	+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

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

2023 Alberta Seed Guide - CWRS 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)			75	59	95											
AAC Brandon - check	2022	101	100	100	100	104	14.0	63	39	84	Y	G	P	S	MR	MR
AAC Alida VB	2019	37	94	97	93	0	-0.2	63	41	91	Y	G	VG	I	MR	MR
AAC Redstar	2022	31	96	92	101	-2	0.0	63	36	90	Y	VG	G	MR	MR	MR
AAC Starbuck VB	2020	36	103	104	102	0	-0.2	63	39	87	Y	F	F	S	MR	MR
AAC Tisdale	2017	37	94	94	94	-1	+0.6	63	42	93	Y	F	F	MR	S	MR
AAC Wheatland VB	2020	36	104	104	104	0	-0.5	63	40	86	Y	VG	G	MR	I	I
CDC SKRush	2022	31	100	97	104	-1	-0.1	63	33	93	Y	F	P	I	MR	MR
Parata	2019	37	87	86	88	-4	+0.2	63	39	94	Y	F	F	S	MR	I
Ellerslie	2021	30	99	96	103	-1	-0.2	61	35	90	N	VG	G	S	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

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