

# Technical Bulletin

Genes that fit *your* farm.



## Parata Canada Western Red Spring Wheat



Progress Through Research  
Le progrès grâce à la recherche

### Description:

**Parata is an awned CWRS variety with early maturity, high grain protein and good grain yield potential. Parata is a traditional height CWRS with fair lodging resistance, high test weight and good rust resistance. Parata has excellent milling and baking properties and is well suited to all growing regions of western Canada.**

**Parentage:** AC Splendor/AC Domain/CDC Go

### Strengths:

- Early maturity – 4 days earlier than AC® Carberry
- High protein potential based on registration and Saskatchewan provincial regional variety trials
- High falling number (which is associated with reduced preharvest sprouting)
- Grain yield 103% of the mean of the checks, over all sites in 2012 to 2014 Parkland Coop Registration trials
- Resistant to stem rust
- Moderately resistant to leaf and stripe rust

### Neutral Traits:

- Fair resistance to lodging
- Intermediate resistance to FHB and leaf spot
- 10cm taller than AC® Carberry

### Weaknesses:

- Moderately susceptible to loose smut
- Susceptible to bunt

### Breeder:

Dr. Dean Spaner  
University of Alberta



**PBR 91 Protected**

### 2012-2014 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
AC Splendor	98	96.4	2.5	100.2	77.9	34.3	14.3	437
CDC Teal	99	98.9	1.9	97.8	78.1	33.3	13.9	430
CDC Osler	103	98.3	2.6	96.1	78.8	33.3	13.5	503
<b>Parata</b>	<b>103</b>	<b>98.0</b>	<b>2.0</b>	<b>95.0</b>	<b>80.2</b>	<b>33.3</b>	<b>13.9</b>	<b>453</b>

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For more information, call 1-800-665-7333 or visit [www.secan.com](http://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	
<b>Parata</b>	<b>33</b>	<b>70</b>	<b>14.9</b>	<b>-2</b>	<b>+13</b>	<b>Y</b>	<b>G</b>	<b>F</b>	<b>MR</b>	<b>S</b>	<b>I</b>	<b>R</b>	<b>MR</b>	<b>MR</b>	<b>I</b>	

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 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	MR	S	S	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	
<b>Parata</b>	<b>5</b>	<b>91</b>	<b>92</b>	<b>+0.4</b>	<b>F</b>	<b>F</b>	<b>R</b>	<b>MR</b>	<b>MR</b>	<b>MR</b>	<b>S</b>	<b>I</b>	<b>I</b>	<b>Y</b>	<b>H</b>	<b>-3</b>	<b>-2.6</b>	<b>-0.2</b>	<b>+9</b>	

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
<b>AAC Brandon (bu/ac)</b>			<b>75</b>	<b>59</b>	<b>95</b>											
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
Ellerslie	2021	30	99	96	103	-1	-0.2	61	35	90	N	VG	G	S	R	I
<b>Parata</b>	<b>2019</b>	<b>37</b>	<b>87</b>	<b>86</b>	<b>88</b>	<b>-4</b>	<b>+0.2</b>	<b>63</b>	<b>39</b>	<b>94</b>	<b>Y</b>	<b>F</b>	<b>F</b>	<b>S</b>	<b>MR</b>	<b>I</b>

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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