

# Technical Bulletin

Genes that fit *your* farm.



## AAC Tisdale Canada Western Red Spring Wheat



Progress Through Research  
Le progrès grâce à la recherche

### Description:

**AAC Tisdale is an awned CWRS variety with consistently low DON accumulation, moderately resistant rating to FHB and high grain protein.** AAC Tisdale has good lodging tolerance, improved grain yield and good overall disease package. AAC Tisdale is well suited to all growing regions of western Canada.

**Parentage:** Somerset/BW865//Waskada

### Strengths:

- Moderately resistant to FHB and low DON accumulation
- Grain yield 104% of the mean of the checks, over all sites in 2013 to 2015 Coop Registration trials
- High protein potential based on provincial regional variety trials
- Improved lodging compared to the checks
- Resistant to stem and leaf rust
- Moderately resistant to common bunt and loose smut
- Large seed size

### Neutral Traits:

- Later maturing than the checks (1 day earlier than AC<sup>®</sup> Carberry)
- 7cm taller than AC<sup>®</sup> Carberry

### Weaknesses:

- Moderately susceptible to stripe rust

### Breeder:

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### PBR 91 Protected

### 2013-2015 Parkland Wheat Cooperative Trials - Registration Data

Variety	Yield (% of Check Mean)	Maturity (days)	Lodging 1 = erect 9 = flat	Height (cm)	Test Weight (kg/kl)	Kernel Weight (mg/kernel)	Grain Protein (%)	Falling Number
AC Splendor	94.5	95.9	2.7	98	78.0	34.9	14.5	405
PT472	104.7	96.8	2.2	98	80.8	36.3	14.2	445
Parata	100.8	97.7	2.2	93	80.4	34.8	14.5	400
<b>AAC Tisdale</b>	<b>103.6</b>	<b>100.1</b>	<b>1.9</b>	<b>93</b>	<b>80.5</b>	<b>37.5</b>	<b>14.5</b>	<b>395</b>

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## 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 Alida VB	33	73	14.7	2	6	Y	VG	VG	R	I	MS	R	R	MR	MR
AAC Brandon	109	74	14.4	2	0	Y	VG	P	MR	S	I	R	R	MR	MR
AAC Redstar	31	72	14.4	0	6	Y	VG	G	---	MR	---	R	MR	MR	MR
AAC Starbuck VB	36	77	14.6	1	1	Y	G	F	MR	S	S	I	MR	MR	MR
AAC Wheatland VB	33	77	14.5	1	0	Y	VG	G	R	MR	S	R	R	I	I
CDC SKRush	31	76	14.6	2	4	Y	VG	P	---	I	---	MR	R	MR	MR
<b>AAC Tisdale</b>	<b>32</b>	<b>72</b>	<b>15.3</b>	<b>1</b>	<b>8</b>	<b>Y</b>	<b>G</b>	<b>F</b>	<b>MR</b>	<b>MR</b>	<b>MS</b>	<b>R</b>	<b>R</b>	<b>S</b>	<b>MR</b>

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

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

## 2024 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	80.7	81
AAC Alida VB	5	98	98	+0.1	VG	VG	R	R	MR	R	I	MS	MR	Y	H	0	+1.0	+0.2	+7
AAC Redstar	4	92	102	-0.1	F	G	R	MR	MR	---	MR	---	MR	Y	H	-2	-0.5	-1.2	+8
AAC Starbuck VB	5	104	108	-0.2	F	F	I	MR	MR	MR	S	S	MR	Y	H	0	-0.1	+0.4	+2
AAC Wheatland VB	5	104	106	-0.2	VG	G	R	R	I	R	MR	S	I	Y	H	0	-0.6	+0.1	+1
CDC SKRush	5	99	103	-0.1	G	P	MR	R	MR	---	I	---	MR	Y	H	-1	-3.7	-1.0	+7
Ellerslie	5	93	96	-0.2	VG	F	R	MR	R	---	S	---	I	N	H	-2	-3.5	-2.7	+7
<b>AAC Tisdale</b>	<b>5</b>	<b>95</b>	<b>98</b>	<b>+0.8</b>	<b>F</b>	<b>P</b>	<b>R</b>	<b>R</b>	<b>S</b>	<b>MR</b>	<b>MR</b>	<b>MS</b>	<b>MR</b>	<b>Y</b>	<b>H</b>	<b>-2</b>	<b>+0.1</b>	<b>-0.6</b>	<b>+8</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

## 2024 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>78</b>	<b>59</b>	<b>96</b>											
AAC Brandon - check	2023	134	100	100	100	104	14.0	63	39	84	Y	G	P	S	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 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	F	S	R	I
Parata	2019	37	87	86	88	-4	+0.2	63	39	94	Y	F	F	S	MR	I
<b>AAC Tisdale</b>	<b>2017</b>	<b>37</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>-1</b>	<b>+0.6</b>	<b>63</b>	<b>42</b>	<b>93</b>	<b>Y</b>	<b>F</b>	<b>F</b>	<b>MR</b>	<b>S</b>	<b>MR</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

For more information, call 1-800-665-7333 or visit [www.secan.com](http://www.secan.com)