

# Technical Bulletin

Genes that fit *your* farm.

**SeCan**

Canada's Seed Partner

## AAC Stronghold (Solid Stem) Canada Western Amber Durum



**PVP**

Progress Through Research  
Le progrès grâce à la recherche

### Description:

**AAC Stronghold is solid stem Canada Western Amber Durum with excellent yield potential and short strong straw. The solid stem of AAC Stronghold provides excellent wheat stem sawfly tolerance.** AAC Stronghold has a good overall disease package, high test weight, good gluten strength, good pasta colour and low grain Cadmium. AAC Stronghold should be a good fit in all durum growing areas of Western Canada.

**Parentage:** DT805/DT795

### Strengths:

- Very good straw strength, better than all the checks
- 2cm shorter than AC® Strongfield
- 5% higher grain yield than AC® Strongfield
- Solid stem for excellent wheat stem sawfly tolerance
- Resistant to leaf and stem rust and loose smut rust
- Low grain cadmium
- Good rating to sprouting tolerance

### Neutral Traits:

- -0.4% Protein compared to AC® Strongfield
- Moderately resistant to stripe rust
- Moderately susceptible to FHB

### Weaknesses:

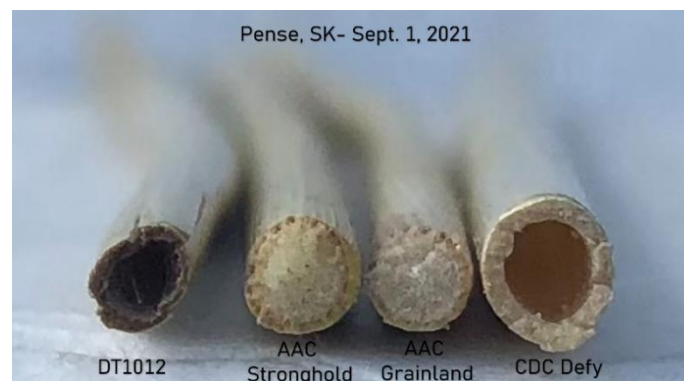
- Approximately 2 day later maturing than AC® Strongfield

### Breeder:

Dr. Y. Ruan  
Semiarid Prairie Agricultural Research Centre  
Agriculture and Agri-Food Canada  
Swift Current, SK

### PBR 91 Protected

### PVP Granted



**Hollow Stem vs Solid Stem**

### 2013-2015 Western Canadian Durum Cooperative Trials - Registration Data

Variety	Yield (% of AC® Strongfield)	Maturity (days)	Lodging 1 = erect 9 = flat	Height (cm)	Grain Protein (%)	TKW (g)	Gluten Strength Index %
AC® Strongfield	100	101	3.1	89.5	13.9	41.5	80.5
AAC Cabri	104	103	3.0	93.0	13.6	40.7	79.5
AC Navigator	92	102	2.2	77.2	13.4	44.3	88.5
<b>AAC Stronghold</b>	<b>105</b>	<b>103</b>	<b>1.4</b>	<b>87.4</b>	<b>13.5</b>	<b>44.0</b>	<b>68.5</b>

AC® is an official mark used under license from Agriculture & Agri-Food Canada

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

Jan 2026

## 2026 Seed Manitoba – Durum Wheat Comparison

Variety	Site Years Tested	Yield bu/ac	Protein %	Maturity +/- 101 days	Height +/- 89cm	Spike Awned	Resistance to:								
							Lodging	Sprouting	Loose Smut	Common Bunt	Leaf Spot	Stem Rust	Leaf Rust	Stripe Rust	FHB
AAC Frontier	2	64	14.2	+2	0	Y	G	G	---	R	---	R	R	R	I
AAC Grainland	4	66	14.2	+1	+1	Y	F	G	R	R	MS	MR	R	R	MS
AAC Schrader	2	67	14.2	+2	+4	Y	G	F	---	MR	---	R	R	R	I
CDC Defy	2	65	13.9	0	+4	Y	G	F	---	R	---	MR	R	I	MS
CDC Vantta	2	60	14.3	+4	-11	Y	G	G	---	R	---	I	R	R	MS
CDC Wiseton	2	64	14.5	+2	+1	Y	F	---	---	R	---	R	MR	I	I
<b>AAC Stronghold</b>	<b>4</b>	<b>64</b>	<b>14.1</b>	<b>+1</b>	<b>-2</b>	<b>Y</b>	<b>VG</b>	<b>G</b>	<b>R</b>	<b>I</b>	<b>I</b>	<b>R</b>	<b>R</b>	<b>MR</b>	<b>MS</b>

Lodging Ratings: F=Fair; G=Good; VG=Very Good; Disease Ratings: R=Resistant; MR=Moderately Resistant; I=Intermediate; MS=Moderately Susceptible; S=Susceptible

## 2026 Varieties of Grain Crops for Saskatchewan - Canada Western Amber Durum

Variety	Years Tested	Yield % AAC Schrader			Protein	Resistance to:									Head Awns	Stem Solid-ness	Rel. Maturity (days)	Seed Weight (mg)	Volume 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						
AAC Schrader	5	100	100	100	14.0	F	F	R	R	R	---	MR	---	I	Y	H	102	41.9	80.2	93
AAC Frontier	2	102	101	---	-0.2	F	G	R	R	R	---	R	---	I	Y	H	0	+0.6	+0.1	-3
AAC Grainland	5	99	100	93	+0.1	F	G	MR	R	R	R	R	MS	MS	Y	S	0	+0.5	-1.1	-5
AAC Spitfire	5	101	102	103	-0.1	G	F	R	R	R	MS	R	MS	S	Y	H	-1	+1.0	-0.6	-6
CDC Defy	5	103	104	102	-0.6	G	F	MR	R	I	---	R	---	MS <sup>6</sup>	Y	H	-1	-2.1	+0.8	-1
CDC Vantta	5	101	93	99	-0.3	VG	G	I	R	R	---	R	---	MS	Y	H	+2	+0.1	+0.4	-13
CDC Wiseton	3	96	97	100	+0.3	F	F	R	MR	I	---	R	---	I	Y	H	0	+0.6	-0.5	-2
Transcend	5	95	98	86	+0.1	F	G	R	R	R	S	R	I	MS <sup>6</sup>	Y	H	0	-0.1	-0.4	+2
<b>AAC Stronghold</b>	<b>5</b>	<b>97</b>	<b>93</b>	<b>104</b>	<b>0.0</b>	<b>VG</b>	<b>G</b>	<b>R</b>	<b>R</b>	<b>MR</b>	<b>R</b>	<b>I</b>	<b>I</b>	<b>MS</b>	<b>Y</b>	<b>S</b>	<b>+1</b>	<b>+1.9</b>	<b>+0.2</b>	<b>-8</b>

F=Fair; G=Good; VG=Very Good; 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; MS<sup>6</sup> = these varieties generally express lower Fusarium Head Blight symptoms compared to other MS rated cultivars

## 2026 Alberta Seed Guide - Canada Western Amber Durum

Variety	Most Recent Year of Testing	Overall Station years of testing	Overall Yield	Yield as % of AAC Schrader		Maturity Rating (days +/- AAC Schrader)	Protein (%)	Test Weight (lb/bu)	Kernel Weight (mg)	Height (cm)	Resistance to:		Disease Tolerance:		
				Low <77 bu/ac	High >77 bu/ac						Lodging	Sprouting	Bunt	Stripe Rust	FHB
AAC Schrader (bu/ac)			77	57	110										
AAC Schrader	2025	148	100	100	100	100	14.5	65	40	88	F	F	MR	R	I
AAC Frontier	2025	29	102	105	98	+1	+0.2	64	41	85	G	G	R	R	I
AAC Grainland	2020	11	88	88	XX	0	-0.3	64	39	83	F	G	R	R	MS
CDC Defy	2021	18	95	95	93	0	-1.0	66	40	87	G	F	R	I	MS
CDC Vantta	2023	12	89	XX	88	+2	-0.5	65	40	73	VG	G	R	R	MS
CDC Wiseton	2025	37	93	94	92	0	+0.4	64	41	87	F	F	R	I	I
Transcend	2022	55	91	92	90	0	+0.3	65	40	90	F	G	R	R	MS
AAC Stronghold	2025	39	94	91	97	-1	-0.2	65	42	81	VG	G	I	MR	MS

P=Poor; VP=Very Poor; F=Fair; G=Good; VG=Very Good; 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)