

Technical Bulletin

Genes that fit *your* farm.

SeCan

Canada's Seed Partner

CDC Defy Canada Western Amber Durum



Progress Through Research
Le progrès grâce à la recherche

PVP

Description:

CDC Defy is a conventional Canada Western Amber Durum with excellent grain yield potential, very good lodging tolerance and best in class FHB resistance. CDC Defy should be a good fit in all dryland durum growing areas of Western Canada.

Parentage: CDC Verona/DT563

Strengths:

- 10% higher grain yield than AC® Strongfield
- Low DON accumulation compared to the check cultivars
- Rated MS* in Saskatchewan to FHB resistance which is improved over most other durum cultivars
- Good lodging tolerance, better than all the check cultivars
- Maturity similar to AC® Strongfield
- Rated resistant to common bunt and leaf rust
- Moderately resistant to stem rust

Neutral Traits:

- +4 cm height compared to AC® Strongfield
- Intermediate resistance to stripe rust

Weaknesses:

- -0.8% protein compared to AC® Strongfield
- Not solid stem for sawfly tolerance

Breeder:

Dr. C. J. Pozniak
Crop Development Centre
University of Saskatchewan
Saskatoon, SK

**PBR 91 Protected
PVP Granted**

2016-2018 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	98	3.1	86	14.4	41.5	69
AC Navigator	97	99	2.8	75	13.8	43.3	73
Brigade	107	100	2.4	93	13.8	42.8	88
AAC Cabri	101	99	3.4	88	14.2	40.6	66
CDC Defy	110	98	2.0	90	13.6	41.7	56

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

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
AAC Stronghold	4	64	14.1	+1	-2	Y	VG	G	R	I	I	R	R	MR	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
CDC Defy	2	65	13.9	0	+4	Y	G	F	---	R	---	MR	R	I	MS

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
AAC Stronghold	5	97	93	104	0.0	VG	G	R	R	MR	R	I	I	MS	Y	S	+1	+1.9	+0.2	-8
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 ⁶	Y	H	0	-0.1	-0.4	+2
CDC Defy	5	103	104	102	-0.6	G	F	MR	R	I	---	R	---	MS⁶	Y	H	-1	-2.1	+0.8	-1

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; MS⁶ = 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
AAC Stronghold	2025	39	94	91	97	-1	-0.2	65	42	81	VG	G	I	MR	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
CDC Defy	2021	18	95	95	93	0	-1.0	66	40	87	G	F	R	I	MS

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