

Technical Bulletin

Genes that fit *your* farm.



CDC Defy Canada Western Amber Durum



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 Applied for
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

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

2025 Varieties of Grain Crops for Saskatchewan - Canada Western Amber Durum

Variety	Years Tested	Yield % AAC Schrader			Protein	Resistance to:										Head Awns	Stem Solidness	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	4	100	100	100	14.0	F	F	R	R	R	---	MR	---	I	Y	H	102	41.6	80.2	93	
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	
AC® Strongfield	6	93	93	92	+0.3	P	F	R	R	MR	R	MR	I	S	Y	H	-1	+1.0	-0.5	-5	
CDC Vanitta	4	101	92	99	-0.4	VG	G	I	R	R	---	R	---	MS	Y	H	+2	+0.1	+0.5	-14	
CDC Wiseton	2	97	98	---	+0.3	F	---	R	MR	I	---	R	---	I	Y	H	0	+0.5	-0.7	-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

2025 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 +/- AC® Strongfield)	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				77	111										
AAC Schrader	2024	131	100	100	100	100	14.5	65	40	88	F	F	MR	R	I
AAC Grainland	2020	11	88	88	XX	0	-0.3	64	39	83	F	G	R	R	MS
AAC Stronghold	2024	32	94	92	97	-1	-0.5	65	43	81	VG	G	I	MR	MS
AC® Strongfield	2024	124	91	91	91	-1	0.0	64	42	83	P	F	MR	MR	S
CDC Vanitta	2023	12	89	XX	88	+2	-0.5	65	40	73	VG	G	R	R	MS
CDC Wiseton	2024	30	94	95	90	0	+0.3	64	42	86	F	XX	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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