

Technical Bulletin

Genes that fit *your* farm.

SeCan

Canada's Seed Partner

CDC Durango 2-Row Feed Barley



Description:

CDC Durango is a very high yielding 2-row feed barley with short strong straw. Through coop registration trials, CDC Durango averaged 107% of CDC Austenson for grain yield potential and showed superior lodging tolerance. CDC Durango is the CDC Austenson replacement we've been waiting for and should perform well in all barley growing regions of western Canada.

Parentage: Claymore/CDC Austenson

Strengths:

- Grain yield 107% CDC Austenson in coop registration trials
- Excellent lodging resistance, better than CDC Austenson
- Resistant to surface born smut
- Moderately Resistant to net form net blotch
- 2 cm shorter than CDC Austenson

Neutral Traits:

- Slightly lower test weight compared to CDC Austenson
- 1 day later maturity than CDC Austenson
- Kernel weight, plumpness and thins similar to CDC Austenson
- Intermediate resistance to spot blotch, stem rust and FHB

Weaknesses:

- Moderately Susceptible to spot form net blotch and scald
- Susceptible to loose smut, the same rating as CDC Austenson

Breeder:

Dr Aaron Beattie
Crop Development Centre
University of Saskatchewan
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PBR 91 Pending

2019-2020 Grain Yield, Western Co-operative Forage Barley Registration Trials

Variety	Grain Yield (% of CDC Copeland)	Maturity (days)	Height (cm)	Lodging 1 = erect 9 = flat	Test Weight (kg/hl)	Kernel Weight (g/1000k)	Plump (%>6/64)	Thins (%<5/64)
CDC Copeland	100	92.3	85.9	2.8	65.1	45.7	93.5	0.6
AAC Synergy	106	92.8	80.7	3.3	66.2	47.8	95.8	0.7
CDC Austenson	108	93.8	82.0	3.1	67.8	48.3	94.8	0.7
CDC Durango	115	94.9	80.1	1.9	66.9	47.9	94.2	0.6
# of Sites	30	30	32	9	33	30	27	11

CDC Durango



Barley with Attitude

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

Seed Manitoba 2024 - Barley Comparison

Variety	Site Years Tested	Yield bu/ac	Protein %	Relative Maturity +/- 88 days	Height +/- 89cm	Test Weight +/- 48.7lb/bu	Rough or Smooth Awns	Lodging	Loose Smut	Surface Borne Smut	Root Rot	Netted Net Blotch	Spotted Net Blotch	Spot Blotch	Stem Rust	FHB
AB Advantage (6R)	30	109	13.3	+1	+15	0	S	VG	MR	I	---	MS	I	I	I	S
AB Tofield (6R)	29	111	12.2	+1	+5	+1	S	VG	MR	MR	---	MS	I	I	R	S
CDC Austenson (2R)	79	116	12.3	+1	0	+0.5	R	G	S	R	I	MS	R	MR	I	I
CDC Churchill (2R)*	41	114	12.3	+1	-5	-0.2	R	G	MS	MR	---	MR	MR	I	MR	MS
CDC Renegade (2R)	29	107	12.7	+1	+7	-0.3	S	F	I	MR	---	MS	MR	MS	MR	MR
Esma (2R) VUA	30	115	12.2	+1	-10	-0.4	---	G	NT	NT	NT	NT	NT	NT	NT	NT
CDC Durango (2R)	29	114	12.5	+2	-3	+0.1	R	G	S	R	---	MR	MS	I	I	I

Lodging Ratings: F=Fair; G=Good; VG=Very Good; Disease Ratings: R=Resistant; MR=Moderately Resistant; I=Intermediate; MS=Moderately Susceptible; S=Susceptible, NT = Not tested

2024 Saskatchewan Varieties of Grain - Barley Comparison

Variety	Years Tested	# Rows	Awn Type	Yield (% of AAC Synergy)		Relative Maturity	Lodging	Net Form Net Blotch	Spot-Form Net Blotch	Spot Blotch	Scald	Loose Smut	Other Smuts	Root Rot	Stem Rust	FHB
				Area 1&2	Area 3&4											
AAC Synergy	7	2	R	100	100	M	F	MR	R	R	S	S	I	I	MR	I
AB Advantage	7	6	S	103	100	VL	VG	MS	I	I	I	MR	I	---	I	S
AB Tofield	6	6	S	106	105	L	G	MS	I	I	I	---	MR	---	R	S
CDC Austenson	7	2	R	102	103	M	G	MS	R	MR	S	S	R	I	I	I
CDC Churchill*	7	2	R	105	104	M	G	MR	MR	I	S	MS	MR	---	MR	MS
CDC Renegade	4	2	S	107	97	M	F	I	MR	MS	S	MS	MR	---	MR	MR
Esma VUA	4	2	R	106	100	M	G	---	---	---	---	---	---	---	---	---
KWS Kellie VUA	4	2	R	107	98	L	G	---	---	---	---	---	---	---	---	---
CDC Durango	5	2	R	107	107	M	VG	MR	MS	I	MS	S	MR	---	I	I

M=Medium; L=Late; 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

2024 Alberta Seed Guide – Feed and Food Barley Comparison

Variety	2 or 6 Row	Awn Type	Most Recent Year of Testing	Station Years	Yield % AAC Synergy			Maturity Days +/- AAC Synergy	Test Weight lb/bu	TKW (g)	Height (cm)	Resistance to Lodging	Disease Tolerance						
					Overall Yield	Low <113 (bu/ac)	High >113 (bu/ac)						Loose Smut	Other Smuts	Scald	Spot Form Net blotch	Net Form Net Blotch	Spot Blotch	FHB
AAC Synergy (bu/ac)					124	86	146	93											
AAC Synergy	2	R	2023	131	100	100	100	0	53	49	81	F	S	I	S	R	MR	R	I
AB Advantage	6	S	2020	32	104	100	106	+2	52	48	102	G	MR	I	I	I	MS	I	S
AB Tofield	6	S	2021	24	104	102	105	+1	52	43	84	G	MR	MR	I	I	MS	I	S
CDC Austenson	2	R	2023	101	100	94	103	+2	54	49	81	G	S	R	S	R	MS	MR	I
CDC Churchill*	2	R	2023	42	103	101	104	+2	53	46	77	G	MS	MR	S	MR	MR	I	MS
CDC Renegade	2	S	2022	26	102	109	97	+4	52	52	90	F	I	MR	S	MR	I	MS	MR
Esma VUA	2	R	2022	26	110	114	107	+3	52	51	69	VG	NT	NT	NT	NT	NT	NT	NT
KWS Kellie VUA	2	R	2022	26	114	121	110	+5	52	50	66	VG	NT	NT	NT	NT	NT	NT	NT
CDC Durango	2	R	2023	41	106	98	109	+2	54	50	79	VG	S	R	MS	MS	MR	I	I

R=Rough; 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, NT = Not tested
*Malting barley for comparison

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