

Technical Bulletin

Genes that fit *your* farm.

SeCan

Canada's Seed Partner

CDC Renegade 2-Row Feed & Forage Barley



Description:

CDC Renegade offers a great combination of grain and forage yield in a mid-height smooth awned 2-row barley. Through registration trials CDC Renegade averaged 97% of CDC Austenson for grain yield potential and **104% for forage yield** potential making it a perfect fit for both grain and forage production. CDC Renegade should perform well in all barley growing regions of Western Canada.

Parentage: Xena/SB090601

Strengths:

- Grain yield 116% CDC Cowboy and 97% of CDC Austenson in registration trials
- Forage yield 104% of both CDC Cowboy and CDC Austenson in registration trials
- High percentage plump seed
- Moderately Resistant to FHB, stem rust and surface smut
- Improved forage quality compared to CDC Cowboy

Neutral Traits:

- 10cm shorter than CDC Cowboy and 10cm taller than CDC Austenson
- Late maturity similar to CDC Cowboy and CDC Austenson
- Intermediate resistance to spot-form net blotch

Weaknesses:

- Fair tolerance to lodging similar to CDC Cowboy

Breeder:

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Crop Development Centre
University of Saskatchewan
Saskatoon, SK

PBR 91 Pending

2018-2019 Grain Yield, Western Co-operative Forage Barley Registration Trials

Variety	Grain Yield (% of CDC Austenson)	Maturity (days)	Height (cm)	Lodging 1 = erect 9 = flat	Kernel Weight (g)	Test Weight (kg/hl)	Plump (%)
CDC Austenson	100	90.3	79.9	2.3	49.1	66.6	92.8
CDC Cowboy	81	90.0	100.5	3.9	54.8	66.3	96.0
Gadsby	92	89.0	84.1	4.1	54.0	65.0	97.0
Vivar	94	90.2	74.4	3.3	46.1	62.4	88.5
CDC Renegade	97	90.5	90.5	3.9	51.5	64.5	92.9
# of Sites	10	10	10	3	10	10	10

2018-2019 Dry Matter Yield, Western Co-operative Forage Barley Registration Trials

Variety	Grain Yield (% of Gadsby)	Crude Protein (%)	NDF (%)	ADF (%)	IVTD (%)	Starch (%)	NDFD (%)	Carrying Capacity (cow d/ha)	Daily Cost (\$/cow-day)	ADG (kg/d)	Cost of Gain (\$/kg)
CDC Austenson	102	9.0	25.4	47.6	73.5	14.6	44.4	678	\$1.08	0.69	\$1.67
CDC Cowboy	102	8.2	27.3	49.3	71.8	12.3	42.8	703	\$1.05	0.62	\$1.89
Gadsby	100	8.4	25.8	47.4	73.6	15.1	44.4	666	\$1.08	0.67	\$1.73
Vivar	94	8.8	25.8	48.3	73.2	13.5	44.7	627	\$1.12	0.67	\$1.75
CDC Renegade	106	8.6	26.7	47.7	72.9	11.5	43.2	717	\$1.03	0.64	\$1.79
# of Sites	14	14	14	14	14	14	14	14	14	14	14

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

Seed Manitoba 2023 - 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	106	13.3	+1	+15	0	S	VG	MR	I	---	MS	I	I	I	S
AB Tofield (6R)	29	108	12.2	+1	+5	+1	S	VG	MR	MR	---	MS	I	I	R	S
CDC Austenson (2R)	55	112	12.3	+1	0	+0.5	R	G	S	R	I	MS	R	MR	I	I
CDC Durango (2R)	10	111	12.7	+2	-3	+0.1	R	G	S	R	---	MR	MS	I	I	I
CDC Maverick (2R)	29	96	13.5	+1	+10	+5.4	S	F	S	R	I	I	MR	MR		
Conlon (2R)	89	94	12.9	-1	-3	+0.8	S	G	I	I	I	I	MR	S	MR	MR
CDC Renegade (2R)	28	104	12.7	+1	7	-0.3	S	F	I	MR	---	MS	MR	MS	MR	MR

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

2023 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	5	6	S	109	107	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 Durango	4	2	R	109	108	M	VG	MR	MS	I	MS	S	MR	---	I	I
CDC Maverick	6	2	S	79	83	M	F	I	MR	I	MS	S	R	I	MR	MR
CDC Renegade	3	2	S	109	104	M	F	I	MR	MS	S	MS	MR	---	MR	MR

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

2023 Alberta Seed Guide – Feed and Food Barley Comparison

Variety	2 or 6 Row	Awn Type	Most Recent Year of Testing	Station Years	Yield % CDC Copeland			Maturity Days +/- CDC Copeland	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
CDC Copeland (bu/ac)					110	83	135												
CDC Copeland	2	R	2022	182	100	100	100	98	51	50	84	F	MS	I	S	I	I	S	I
AB Advantage	6	S	2020	32	108	104	110	1	50	50	95	G	MR	I	I	I	MS	I	S
AB Tofield	6	S	2021	24	108	106	109	0	50	45	82	G	MR	MR	I	I	MS	I	S
CDC Austenson	2	R	2022	87	107	106	108	2	52	51	80	G	S	R	S	R	MS	MR	I
CDC Churchill*	2	R	2020	32	110	113	111	0	52	49	74	G	MS	MR	S	MR	MR	I	MS
CDC Durango	2	R	2022	31	112	108	113	+3	52	51	79	G	S	R	MS	MS	MR	I	I
CDC Maverick	2	S	2013	31	92	88	96	+1	54	55	97	F	S	R	MS	MR	I	I	MR
CDC Renegade	2	S	2022	26	106	114	101	+2	51	53	89	F	I	MR	S	MR	I	MS	MR

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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