

# CDC AUSTENSON

## 2-RW FEED BARLEY

**SeCan**

Canada's Seed Partner



### Characteristics

<b>Yield</b>	High
<b>Straw Strength</b>	Strong
<b>Maturity</b>	Long
<b>Height</b>	Short

## CDC AUSTENSON

CDC Austenson is a 2-row hulled feed barley with top grain yield and short, strong straw. CDC Austenson produces grain yields higher than Xena along with high test weight and large, plump kernels. CDC Austenson is well adapted across western Canada, and compared to Xena, has shown improved resistance to prevalent races of net form net blotch, spot form net blotch and spot blotch. This variety is particularly well-suited to producers seeking a top-yielding 2-row feed barley with improved performance over Xena.

"This variety is exclusively licensed to NDCISA, any unauthorized propagation is prohibited."

### Strengths

- Higher grain yield than Xena
- Large, plump kernels with high test weight (87% plump kernels)
- Stronger straw than Xena
- 2 cm shorter in height than Xena
- Improved leaf disease resistance compared to Xena
- Resistant to stem rust
- Resistant to covered and false loose smut

\* Weakness: Susceptible to scald and true loose smut (similar to Xena)

### NEUTRAL TRAITS

- Medium maturity, similar to Xena
- Test weight Similar to Xena



#### Breeder

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### 2006-2007 Two-Row Barley Registration Trials

VARIETY	GRAIN YIELD (% OF AC METCALFE)	MATURITY (DAYS)	LODGING 1 = ERECT 9 = FLAT	HEIGHT (CM)	TEST WEIGHT (KG/HL)	1000 KERNEL WEIGHT (MG/KERNEL)	% PLUMP	SCALD	NET FORM NET BLOTCH	SPOT FORM NET BLOTCH	SPOT BLOTCH	LOOSE SMUT
AC Metcalfe	100	88	4.9	85	65.7	43.7	89	P	VP	F	F	VG
Xena	114	89	4.3	85	66.6	48.6	91	P	VP	F	VP	P
CDC Austenson	116	90	4.0	83	66.7	46.5	87	VP	P	VG	G	VP

## 2020 Seed Manitoba - Durum Wheat Comparison

VARIETY	SITE YEARS TESTED	YIELD BU/AC	PROTEIN %	RELATIVE MATURITY +/- 101 DAYS	HEIGHT +/- 89CM	SPIKE AWNED	RESISTANCE TO:								
							LODGING	SPROUTING	LOOSE SMUT	BUNT	LEAF SPOT	STEM RUST	LEAF RUST	STRIPE RUST	FHB
AC® Strongfield	26	62	14.4	0	0	Y	G	F	S	MR	I	R	R	MR	S
AAC Cabri	9	65	14.1	+1	+3	Y	G	F	MR	R	I	MR	R	R	MS
AAC Grainland	2	66	14.01	+1	+1	Y	G	—	R	R	MS	MR	R	R	MS
AAC Raymore	14	62	14.04	0	0	Y	G	F	MS	MR	I	R	R	MR	S
AAC Stronghold	4	64	14.0	+1	-2	Y	VG	G	R	I	I	R	R	MR	S
AAC Spitfire	11	65	14.3	0	-2	Y	VG	F	MS	R	MS	R	R	R	S

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

## 2020 Varieties of Grain Crops for Saskatchewan - Canada Western Amber Durum

VARIETY	AREA 1&2	AREA 3&4	IRRIGATION	RELATIVE MATURITY	LODGING	NET FORM NET BLOTCH	SPOT FORM NET BLOTCH	SPOT BLOTCH	SCALD	LOOSE SMUT	OTHER SMUTS	ROOT ROT	STEM RUST	TOLERANCE TO FHB
AC® Strongfield	100	100		M	F	S	I	I	MS	R	I	I	MR	I
AAC Cabri	99	105		L	F	I	MR	I	MS	MS	MR	I	MR	MR
AAC Grainland	98	98		M	F	I	MR	I	MS	S	R	I	MR	MR
AAC Raymore														
AAC Stronghold														
AAC Spitfire	118	121		M	G	MS	R	MR	S	S	R	I	I	I

M = Medium, L = Late, F = Fair, G = Good, VG = Very Good, P = Poor, VP = VP

## 2019 Alberta Seed Guide - Barley Comparison

VARIETY	OVERALL YIELD % AC METCALFE	YIELD BY TEST CATEGORY % AC METCALFE				RELATIVE MATURITY	TEST WEIGHT LB/BU	KERNEL WEIGHT (MG)	HEIGHT (CM)	LDG.	RESISTANCE TO:						
		LOW <75 BU/AC	MED. 75-100 BU/AC	HIGH 100-125 BU/AC	VERY HIGH > 125 BU/AC						LOOSE SMUT	OTHER SMUT	ROOT ROT	SCALD	SPOT FORM NET BLOTCH	NET FORM NET BLOTCH	TOL. FNB
<b>AC Metcalfe (BU/AC)</b>		<b>59</b>	<b>88</b>	<b>110</b>	<b>137</b>												
AC Metcalfe	100	100	100	100	100	M	52	45	79	F	R	I	I	S	I	S	I
CDC Cowboy	95	107	94	93	96	L	52	55	103	F	MS	MR	I	MS	MR	I	MR
CDC Maverick	95	XX	90	97	96	M	54	55	96	F	S	R	I	MS	MR	I	MR
Gadsby	112	XX	114	144	106	M	53	51	83	F	R	R	I	R	MR	MS	I
Ponoka	106	101	107	110	109	L	51	46	80	G	R	R	I	R	MR	MS	I
CDC Austenson	113	110	113	111	115	L	54	47	79	G	S	R	I	S	R	MS	I

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