

## **Technical Bulletin**

ACCELERATE

# **CS Accelerate**

## **Canada Prairie Spring Red**

### High yielding in a short strong straw package, combined with excellent rust resistance

- Superior in class grain yield (5% higher yield than AAC Penhold)
- Short, strong straw, well suited for high inputs and irrigation (-10 cm of AAC Foray)
- Excellent all-around rust resistance (R to Stem, Leaf and Stripe Rust)
- Included in the Warburtons IP Program

### YIELD PERFORMANCE

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CS Accelerate	105%
AAC Penhold	100%

\* the value represents the average number observed during the three years of LCRC trial evaluation.

### **OVERALL CHARACTERISTICS**

Maturity	Early
Height	Short
Growing Zone	Prairie wide
Lodging Resistance	Very Good
FHB Resistance	I
Stripe Rust Resistance	R
Leaf Rust Resistance	R
Stem Rust Resistance	R

 $^{*}$  the value represents the average number recorded during the Coop Evaluation Trials.





## **CS** Accelerate

### **Technical Information**

#### Seed Manitoba - 2020

Variety	Yield	0/	Maturity	Height	Spike Awned	Resistance level					
	bu/acre	% Protein	+/- 99-days	+/- 81 cm		Lodging	Rust			FHB	
	20,0010						Stem	Leaf	Stripe	FHD	
CS Accelerate	76	13.3	2	-2	Y	VG	R	R	R	I	
AAC Tenacious VB	64	13.1	1	20	Y	F	MR	R	R	R	
AAC Penhold	74	13.8	1	-10	Y	VG	MR	R	MR	MR	
AAC Ryley	71	13.0	1	3	Y	G	R	R	R	MS	

### SK Varieties of Grain Crops - 2020

Yield % Carberr		Carberry	%		Stem	Leaf	Chrime			Spike	Height
Variety	Area 1 & 2	Area 3 & 4	Protein	Lodging	Rust	Rust	Stripe Rust	FHB	Maturity (days)	Awned	(cm)
CS Accelerate	111	121	13.2	G	R	R	R	I.	-1	Y	+1
AAC Penhold	108	111	13.5	VG	MR	R	MR	MR	-2	Y	-9
CDC Terrain	116	114	12.8	Р	MR	R	R	MS	0	Y	+3
AAC Entice	114	112	13.2	Р	R	R	R	I	-1	Y	+1

\*Relative to Carberry at 14. % protein; 10 days maturity and 83 cm height

### 2017-2018 LCRC Evaluation Test

Variety	Yield % AAC	Maturity Days (+/-	Height	Lodging	Test Weight	Protein content	Rust Resistance			FHB resistance
	Penhold	95d)	cm	1-9 score	kg/hl	%	Stripe	Leaf	Stem	
CS Accelerate	105	-1	73	2.4	85.0	14.6	R	R	R	I.
AAC Penhold	100	-1	68	1.7	84.8	15.1	MR	R	MR	MR
AAC Foray	102	0	79	2.6	84.0	14.9	R	I	MR	I
CDC Terrain	103	0	79	2.4	83.6	14.7	R	R	MR	MS

The test was conducted by LCRC across the Prairies (AB to MB) as an evaluation requirement for registration

Origin: Limagrain Cereals Research Canada, Saskatoon