

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

	_
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