



AC™ GOODEVE VB Canada Western Red Spring Wheat

Breeder: Dr. Ron De Pauw, Agriculture & Agri-Food Canada, Swift Current, Saskatchewan

Yield	108% of AC Barrie over all sites in 2004-2006 Co-op Registration Trials
Disease Resistance	Resistant to Stem Rust and Loose Smut Moderately Resistant to Leaf Rust Susceptible to Common Bunt Very Poor for Fusarium Head Blight
Protein	Similar to AC Barrie, Higher than Superb
Maturity	Very early Maturity
Height	Shorter than Barrie
Test Weight	Similar to Barrie

Parentage: 94B43-BLW4/AC Intrepid. (94B43-BLW4=BW 174*2/Clark)

Agronomic Characteristics:

- Awnless
- Excellent lodging resistance
- Good resistance to shattering
- Good resistance to pre harvest sprouting
- Very early maturity

Strengths:

- AC™Goodeve VB is tolerant to Orange Blossom Wheat Midge, and provides reduced losses due to feeding damage by wheat midge.
- It is sold as a variety blend, with AC™Goodeve making up 90% of the mix. AC Intrepid makes up the other 10% of the variety blend. This is done to create a refuge area for non virulent midge to survive at low levels therefore extending the useful life of the Sm1 midge tolerance gene.
- AC™Goodeve VB provides genetic insurance against yield and grain quality loss from the wheat midge pest.
- Midge tolerant with **no yield penalty**; among the top yielding varieties in the Alberta, Saskatchewan and Manitoba provincial variety trials.





2012 Saskatchewan Seed Guide CWRS Wheat Comparison

Variety	As a % Comparison to AC Barrie									
	Area 1&2	Area 3&4	Maturity ¹	Lodging	Protein	Height ²	FHB	Loose Smut	Stem Rust	Sprouting
AC Barrie	100	100	14.9	G	14.9	93	F	G	G	G
KANE	104	104	1	G	-0.2	-5	F	P	G	VG
Superb	109	108	+3	G	-0.4	-7	P	F	VG	F
Lillian	102	99	0	F	+0.3	-1	VP	F	G	G
AC™GoodeveVB	111	111	-2	VG	0	-2	VP	G	G	G

1 Comparative Days to Maturity

2 Height in cm

2012 Alberta Seed Guide CWRS Wheat Comparison

Variety	As a % Comparison to AC Barrie									
	Yield	Maturity ¹	Protein	Height ²	Lodging	Sprouting	FHB	Loose Smut	Bunt	
AC Barrie	100	M	13.3	88	G	G	F	G	F	
KANE	99	M	1.0	85	G	VG	F	P	F	
Superb	112	M	-0.3	85	G	G	P	F	G	
Lillian	105	M	0.3	86	G	G	VP	F	G	
AC™GoodeveVB	106	M	0.3	88	VG	G	VP	G	P	

1 Maturities rated as VE=Very Early; E= Early; M = Medium; L=Late and VL=Very Late. Long term average days to maturity for AC Barrie is 106 days and rated as Medium maturing (M).

2 Height in cm

3 Resistance Ratings: VG=Very Good; G=Good; F=Fair; P=Poor and VP=Very Poor. Varieties having a rating of Fair (F) or Poor (P) to loose smut or bunt should be treated with a systemic seed treatment to reduce the potential for plant infection.

2012 Manitoba Seed Guide CWRS Wheat Comparison

Variety	As a % Comparison to AC Barrie									
	Yield	Maturity ¹	Protein	Height ²	Lodging	FHB ³	Loose Smut	Stem Rust	Leaf Rust	
AC Barrie	100	99	14.5	37	G	I	MR	MR	MS	
KANE	107	1	-0.0	-2	G	I	MS	R	R	
Superb	105	2	-0.1	-3	VG	MS	I	R	S	
Harvest	108	-1	-0.1	-2	VG	S	MR	R	MR	
AC™GoodeveVB	106	-2	0.2	-1	VG	S	MR	MR	MR	

1 Comparative Days to Maturity

2 Height in comparison to AC Barrie (37 inches).

3 FHB=Fusarium Head Blight. FHB infection is highly influenced by environment and heading date. Under High Levels of the disease all varieties will sustain damage.

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