



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 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.



Alliance Seed Corporation Technical Bulletin



2010 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	100	G	14.8	93	F	G	G	G
AC Kane	104	104	101	G	14.2	-5	F	P	G	VG
Superb	109	109	103	G	14.0	-7	P	F	G	G
Lillian	103	100	100	F	15.0	-1	VP	F	G	G
AC™GoodeveVB	109	111	98	VG	14.7	-2	VP	G	G	G

1 Comparative Days to Maturity

2 Height in cm

2010 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	106	14.4	89	G	G	F	G	F
AC Kane	99	0	0.2	85	G	XX	F	P	F
Superb	112	2	-0.4	85	G	G	P	F	G
Lillian	103	0	-0.1	86	G	G	VP	F	G
AC™GoodeveVB	103	0	0.1	88	G	XX	VP	G	P

1 Comparative Days to Maturity

2 Height in cm

2010 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	14.6	M	G	F	G	G	P
Kane	107	1	-0.10	M	G	F	P	G	VG
Superb	105	2	-0.1	M	VG	P	F	VG	VP
Harvest	108	-1	-0.1	M	VG	VP	G	VG	G
AC™GoodeveVB	102	-2	+0.1	M	VG	VP	G	G	G

1 Comparative Days to Maturity

2 Height in comparison to AC Barrie (33 inches). T=Tall, MT=Medium Tall, M=Medium, SD=Semi-dwarf

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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