



# ALLIANCE SEED AAC VORTEX



AAC Vortex brings the power of winter wheat to your farm with high grain yield, excellent winter hardiness, short & strong straw, medium maturity, excellent disease resistance and grain protein. AAC Vortex will blow you away.

## AAC Vortex strengths:

- Higher grain yield than all of the checks in AB
- Higher grain yield than all of the checks in the Parkland region
- Excellent winter survival , marginally better than the best checks
- Lodging resistance equal to the best check
- Excellent rust resistance
- Good FHB resistance
- Improved grain and flour protein concentration, higher than all checks except Emerson

## AAC Vortex neutral traits:

- Grain yield similar to the check mean in areas outside of AB and Parkland region
- Medium maturity

## AAC Vortex weaknesses:

- S to common bunt
- Flagged for FN and Amylograph viscosity.

Parentage: LF1815/LD1829//Emerson

## 2025 Manitoba Seed Guide - Winter Wheat

Variety	Yield bu/acre	Protein %	Height +/- 75cm	Spike Awne	Relative Maturity <sup>1</sup>	Relative Winter Hardiness <sup>2</sup>	Lodging	Common Bunt	Stem Rust	Leaf Rust	Stripe Rust	FHB <sup>3</sup>
AAC Wildfire	89	11.7	10	Y	L	VG	G	MR	S	I	R	MR
Emerson	83	12.7	11	Y	M	G	VG	S	R	I	MR	R
AAC Coldfront	93	11.7	7	Y	M	VG	VG	S	R	R	R	I
<b>AAC Vortex</b>	<b>89</b>	<b>12.4</b>	<b>8</b>	<b>Y</b>	<b>M</b>	<b>VG</b>	<b>VG</b>	<b>S</b>	<b>R</b>	<b>R</b>	<b>R</b>	<b>MR</b>

<sup>1</sup> Maturity ratings: E = Early, M = Medium and L = Late. Varieties plus 2 to 4 days compared to CDC Falcon would be Medium (M) maturing.

Varieties greater than 4 days compared to CDC Falcon would be rated as Late (L) maturing.

<sup>2</sup> All registered varieties have adequate winter hardiness if seeded at the optimum date into standing stubble where good snow cover can be assured.

<sup>3</sup> FHB infection is highly influenced by genetics, environment and heading date. Under high levels of disease pressure, all varieties will experience yield and/or quality loss

## 2025 Sask Seed Guide - Winter Wheat

Variety	Yield (%) Area 1 & 2	Yield (%) Area 3 & 4	Protein (%)	Winter Survival	Resistance to						Head Awne- ness	Matur- ity rating	Seed Wt. (mg)	Volume Wt. <sub>2</sub> (kg/hL)	Height (cm)
					Lodging	Stem Rust	Leaf Rust	Stripe Rust	Bunt	FHB					
CDC Bueto (check)	100	100	12	VG	F	I	I	S	S	MR	Y	M	33.7	81.1	90
AAC Wildfire	110	115	-0.1	VG	G	S	I	MR	MR	MR	Y	VL	1.2	-2.4	-5
AAC Gateway	97	98	0.5	F	VG	MR	I	MR	S	I	Y	M	-0.2	-1.1	-14
Emerson	100	95	0.5	G	VG	R	I	MR	S	R	Y	M	-3.8	-0.6	-4
<b>AAC Vortex</b>	<b>98</b>	<b>106</b>	<b>0.5</b>	<b>VG</b>	<b>VG</b>	<b>R</b>	<b>R</b>	<b>R</b>	<b>S</b>	<b>MR</b>	<b>Y</b>	<b>M</b>	<b>0.2</b>	<b>-0.3</b>	<b>-6</b>

R=Resistant, MR=Moderately Resistant, I=Intermediate Resistance, MS= Moderately Susceptible, S=Susceptible, E=Early, M-Medium,

L=Long VL=Very Long <sub>2</sub> Mutiple by 0.8 =lbs/bu

## 2025 Alberta Seed Guide - Winter Wheat

Variety	Overall Yield (bu/ac)	Low <80 (bu/ac)	High >80 (bu/ac)	Winter Survival	Maturity (days)	Protein (%)	Test Wght (lb/bu)	TKW (g)	Height (cm)	Resist- ance to Lodging	Stripe Rust	Leaf Rust	Stem Rust	Bunt	FHB
Radiant (check)	100	100	100	VG	219	12.0	63	35	90	VG	S	S	S	S	S
AAC Goldrush	101	99	103	VG	-2	0.5	63	35	86	G	I	R	MR	S	I
AAC Wildfire	112	114	109	VG	2	0.2	63	37	87	G	MR	I	S	MR	MR
AAC Gateway	99	97	101	F	-2	1.0	63	33	78	VG	MR	I	MR	S	I
AAC Coldfront	111	112	111	VG	0	0.4	64	34	85	VG	R	R	R	S	I
<b>AAC Vortex</b>	<b>104</b>	<b>107</b>	<b>102</b>	<b>VG</b>	<b>-1</b>	<b>0.6</b>	<b>63</b>	<b>35</b>	<b>85</b>	<b>VG</b>	<b>R</b>	<b>R</b>	<b>R</b>	<b>S</b>	<b>MR</b>

R=Resistant, MR=Moderately Resistant, I=Intermediate Resistance, MS= Moderately Susceptible, S=Susceptible