



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

2023 Seed Manitoba – Winter Wheat Table

Variety	Yield (bu/ac)	Protein %	Height +/- 75 cm	Spike Awned	Relative Maturity ¹	Relative ² Winter Hardiness	Lodging	Comm on Bunt	Stem Rust	Leaf Rust	Stripe Rust	FHB
AAC Vortex	89	12.1	9	Y	M	VG	VG	S	R	R	R	MR
AAC Wildfire	89	11.6	10	Y	L	VG	G	MR	S	I	R	MR
AAC Goldrush	81	11.9	10	Y	M	VG	G	S	MR	R	I	I
AAC Coldfront	93	11.6	8	Y	M	VG	VG	S	R	R	R	I
CDC Buteo	80	11.6	16	Y	M	VG	F	S	I	I	S	MR

M= Medium, L=Late, VL = Very Late, G=Good, VG = Very Good, P=Poor, VP = Very Poor, F = Fair, R= Resistant, MR = Moderately Resistant, I = Intermediate Resistance, MS = Moderately Susceptible, S = Susceptible ¹ Maturity ratings are E= Early, M= Medium, L = Late ² All registered varieties have adequate winter hardiness if seeded at the optimum date into standing stubble where good snow cover can be assured.

2023 Sask Seed – Winter Wheat Table

Variety	Yield % Area 1 & 2	Yield % Area 3 & 4	Protein	Winter Survival	Lodging	Stem Rust	Leaf Rust	Stripe Rust	Bunt	FHB	Maturity Rating	Ht (cm)
CDC Buteo *	100	100	12.3	VG	F	I	I	S	S	MR	M	90
AAC Vortex	97	106	+0.3	VG	VG	R	R	R	S	MR	M	-6
AAC Wildfire	111	115	-0.1	VG	G	S	I	MR	MR	MR	VL	-5
AAC Goldrush	104	107	+0.3	VG	VG	MR	R	I	S	I	M	-5
AAC Coldfront	114	117	+0.1	VG	VG	R	MR	R	S	I	L	-7

M= Medium, L=Late, VL = Very Late, G=Good, VG = Very Good, P=Poor, VP = Very Poor, F = Fair, R= Resistant, MR = Moderately Resistant, I = Intermediate Resistance, MS = Moderately Susceptible, S = Susceptible * CDC Buteo is the check cultivar

2023 Alberta Seed Guide – Winter Wheat Table

Variety	Overall Yield	Low Yield Category <80 bu/ac	High Yield Category >80 bu/ac	Winter Survival	Maturity (d)	Protein (%)	Test Wt. (lb/bu)	TKW (g)	Height (cm)	Lodg-ing	Stripe Rust	Leaf Rust	Stem Rust	Bunt	FHB
Radiant - check	100	100	100	VG	220	12	63	35	89	VG	S	S	S	S	S
AAC Vortex	105	107	102	VG	-1	0.6	64	36	84	VG	R	R	R	S	MR
AAC Wildfire	112	115	110	VG	2	0.2	64	38	85	G	MR	I	S	MR	MR
AAC Goldrush	101	99	103	VG	-2	0.6	63	35	85	G	I	R	MR	S	I
AAC Coldfront	111	112	110	VG	0	0.4	64	34	83	VG	R	MR	R	S	I

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To find your nearest **AAC Vortex** winter wheat, call 1-877-270-2890 or visit www.allianceseed.com