



# ALLIANCE SEED AAC VORTEX



## 2022 TECH SHEET

**GET READY FOR THE POWER OF AAC VORTEX**, a new hard red winter wheat variety from Dr. Rob Graf, AAFC and the first addition of winter wheat to the Alliance Seed portfolio. AAC Vortex combines the power of high grain yield, excellent winter hardiness, short strong straw, medium maturity, excellent disease resistance and grain protein into a winter wheat variety that will expand your expectations of a winter wheat.

### AAC VORTEX FEATURES:

- **Higher grain yield** than all of the checks in Alberta and in the Parkland regions of Saskatchewan and Manitoba
- **Increased protein** over the highest yielding check varieties
- **Excellent winter survival**, better than all checks
- Shorter than AAC Emerson with **excellent lodging resistance**
- **Excellent disease package** with R ratings for Leaf Rust, Stem Rust, and Stripe Rust and MR for FHB

### AAC VORTEX YIELD & AGRONOMY \*

	CDC Buteo	Emerson	Moats	AAC Elevate	AAC VORTEX
Yield (% of Buteo)	100	97	105	106	<b>107</b>
Protein (%)	12.3	13.3	12.5	11.8	<b>12.8</b>
Winter Survival (%)	90	90	89	89	<b>91</b>
Heading (days)	168	168	168	168	<b>167</b>
Maturity (days)	211	212	211	210	<b>211</b>
Height (cm)	82	80	81	77	<b>77</b>
Lodging (1-9)	3.8	1.7	2.9	1.9	<b>1.7</b>
Common Bunt	S	S	MS	MR	<b>S</b>
Stem Rust	I	R	R	MR	<b>R</b>
Leaf Rust	I	I	R	I	<b>R</b>
Stripe Rust	S	MR	MR	S	<b>R</b>
FHB	MR	R	S	I	<b>MR</b>

\*2017-2019 Western Canadian Winter Wheat Cooperative Registration Trial



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AAC VORTEX YIELD & AGRONOMY *						
		CDC Buteo	Emerson	AAC Wildfire	Moats	AAC VORTEX
Yield (% of CDC Buteo)	MB	100	102	110	104	<b>106</b>
	SK Area 1	100	100	110	103	<b>97</b>
	SK Area 2	100	95	115	101	<b>105</b>
	AB	100	101	116	107	<b>110</b>
Protein (%)	MB	11.6	12.5	11.6	11.9	<b>12.0</b>
	SK	12.3	12.7	12.2	12.6	<b>12.7</b>
	AB	12.3	13	12.2	12.7	<b>12.6</b>
Winter Survival (%)		VG	G	VG	G	<b>110</b>
Maturity		M	M	VL	M	<b>VG</b>
Height (cm)		91	86	86		<b>85</b>
Lodging		F	G	G	F	<b>VG</b>
Common Bunt		S	S	MR	MS	<b>S</b>
Stem Rust		I	R	R	MR	<b>R</b>
Leaf Rust		I	I	R	I	<b>R</b>
Stripe Rust		S	MR	MR	S	<b>R</b>
FHB		MR	R	S	I	<b>MR</b>

\*2021 MCVET, SKVPG and ABRV Trials