

AAC ICEFIELD

CW Experimental Wheat



The First Hard White Winter

AAC Icefield is Canada's first hard white winter wheat. As a winter wheat variety, it provides significant yield improvements over hard white spring wheats and has improved flour milling extraction, gluten strength, flour brightness and a sweeter taste than CWRW wheats.

Highlights

- High yielding; 104% of Radiant
- Short straw and good standability
- Good rust resistance
- Good end-use qualities
- Improved milling extraction and dough strength vs. CWRW
- Bright white flour and sweeter taste vs. CWRW

*Source: 2019 Alberta Seed Guide

Parentage: McClintock/W349

AAC ICEFIELD AGRONOMIC AND DISEASE DATA

Variety	Yield (% of CDC Buteo)	Maturity (days)	Height (cm)	Lodging	Test Weight (kg/hl)	TKW (g)	Protein %	Stem Rust	Leaf Rust	Stripe Rust	Bunt	FHB
AAC Icefield	104%	224	84	2.8	77.9	31.2	11.2	MR	R	R	S	MS
CDC Buteo	100%	222	95	3.6	79.9	33.0	12.0	I	I	S	S	MR
Flourish	105%	220	84	2.5	77.9	35.1	12.4	I	I	I	MR	S
Moats	103%	223	97	3.5	79.3	33.1	12.6	R	R	MR	MS	S
Radiant	102%	224	95	2.2	77.8	34.0	11.6	S	S	MS	S	S

Lodging: scale of 1 - 9; 1 is best

Source: Request for Support of Interim Registration of W530 2013-2014



Agriculture and
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AAC ICEFIELD MILLING AND BAKING DATA - CIGI 2014

Variety	Wheat Protein (%)	Falling Number	Flour Protein (%)	Flour Yield	Flour Brightness	Amylograph Peak Viscosity	Farinograph H2O Absorb	Farinograph Stability	Extensograph Remax
CWRW Composite	12.1%	428	14.0%	78.7	86.1	1005	52.6	27.8	578
CWHWS Composite	13.1%	438	15.1%	81.8	86.5	990	61.3	24.3	626
AAC Icefield	10.9%	483	12.6%	85.3	87.6	921	52.3	18.0	763

AAC ICEFIELD MILLING AND BAKING DATA - CIGI 2016

Variety	Wheat Protein (%)	Falling Number	Flour Protein (%)	Flour Yield	Flour Brightness	Amylograph Peak Viscosity	Farinograph H2O Absorb	Farinograph Stability	Extensograph Remax
CWRW Composite	11.4%	415	10.4%	80.3	86	648	53.7	12.1	561
AAC Icefield	11.4%	489	10.2%	84.8	88	856	52.8	54.0	717

AAC ICEFIELD - Where to Buy

ALBERTA

Quattro Farms Ltd.	Bow Island	403-545-2222
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Learn more at fpgenetics.ca

