

Technical Bulletin

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SeCan

Canada's Seed Partner

AAC Brandon Hard Red Spring Wheat



Description

Awne semi-dwarf hard red spring wheat. Similar lodging tolerance and disease resistance to AC[®] Carberry with higher yield index, shorter straw and earlier maturity.

First commercially released in western Canada in 2015. Introduced to northeastern Ontario for its positive yield, agronomic and grain qualities.

Strengths

- Excellent lodging resistance - similar to AC[®] Carberry

- Height 1 cm shorter than AC[®] Carberry
- 1/2 day earlier maturing than AC[®] Carberry
- MR ("Good" rating) to fusarium head blight
- R to Leaf Rust, Stem Rust and loose smut
- Large seed size

Breeders

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Table 1c – Ontario Performance Trial; Spring Wheat 2018 Performance Trial Cumulative Yield Index¹ Intensive Summary for Area V², OCCC, November 2018

Class ³	Variety	5-Year Index Fungicides		4-Year Index Fungicides		3-Year Index Fungicides		2-Year Index Fungicides		2018 Index Fungicides	
		No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
hrs	Furano	99 ⁴	98	100	99	103	99	104	98	100	103
	MAJOR	96	94	97	94	97	92	97	91	101	101
	Fuzion	96	101	95	100	96	102	94	105	105	108
	Wilkin	106	105	106	107	108	108	112	111	85	87
	AAC Scotia (awned)	103	107	103	108	106	110	108	116	118	120
	AAC Brandon (awned) 									101	109
	Easton (awned)	106	108	108	111	111	112	117	116	84	88
	Dakosta (awned)							93	97	95	94
	Moka	95	98	93	98	93	96	92	96	94	95
	RGT Presidio							104	110	115	114
	Raven (awned)					110	108	111	107	102	107
	Ventry					90	94	92	95	92	94
AAC Synox (awned)									90	93	
Toundra (awned)							80	85	82	84	
efs	Hoffman (awned)			102	119	100	120	95	121	119	136
	Bangor (awned)							86	96	101	103
	Dagon (awned)							89	100	99	102
Means (t/ha)		4.81	5.04	4.76	5.04	4.35	4.57	3.47	3.72	2.98	3.08
Means (bu/ac)		71.5	74.9	70.7	74.9	64.7	67.9	51.6	55.3	44.2	45.8
Location-years		5		4		3		2		1	

¹ Values differing by less than 3 within a column may not represent true differences in yield. Yield Indices are Heritability Adjusted Relative Values (HARV), which favour results from trial locations with high repeatability. For more information, see: Yan, W. Use of HARV in Variety Trial Summaries.

² Area 5: see [area map](#) on www.gocereals.ca website.

³ hrs = hard red spring, efs = eastern feed spring, trit = triticale.

⁴ Cultivar yield rankings may vary from year to year. Decisions are therefore best made using data with the greatest number of years.

Fungicide treatments included a T1 application of foliar fungicide at Zadoks Growth Stage 30 to 31, followed by a T3 application of fusarium fungicide during flowering.

= PBR Status; indicates varieties protected under PBR 91 or PBR 78. Visit pbrfacts.ca to learn more.