

AAC CABRI CANADA WESTERN AMBER DURUM



Characteristics

Canada's Seed Partner

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Yield	High
Straw Strength	Strong
Maturity	Long
Height	Tall

AAC CABRI

AAC Cabri is a solid stem Canada Western Amber Durum which provides excellent wheat stem sawfly tolerance. AAC Cabri also has improved grain yield potential, high test weight, good pigment content, good gluten strength and low grain cadmium. AAC Cabri should be a good fit in all durum growing areas of Western Canada.

Parentage: A9918-LX2B/AC® Strongfield

"This variety is exclusively licensed to NDCISA, any unauthorized propagation is prohibited."

Strengths

- 8% higher grain yield than AC® Strongfield
- Solid stem for excellent wheat stem sawfly tolerance
- Resistant to common bunt as well as leaf and stripe rust
- Moderately resistant to loose smut and stem rust
- Low grain cadmium
- * Weakness: Susceptible to FHB



• 3.5cm taller than AC[®] Strongfield

- Approx 1 day later maturing than AC[®] Strongfield
- -0.4% Protein compared to AC[®] Strongfield



Breeder

Dr. Ron DePauw Semiarid Prairie Agricultural Research Center Agriculture & Agri-Food Canada Swift Current, SK

2010-2013 Western Canadian Durum Cooperative Trials - Registration Data

VARIETY	YIELD (% of AC® STRONG)	MATURITY (DAYS)	LODGING 1 = ERECT 9 = FLAT	HEIGHT (CM)	GRAIN PROTEIN(%)	KERNEL WEIGHT (MG)	GLUTEN STRENGHT INDEX
AC® Strongfield	100	105.0	2.8	90.8	14.2	41.3	58
AC Avonlea	94	105.3	2.3	92.2	14.3	40.2	17
AC Navigator	90	106.1	2.3	79.6	13.5	43.6	64
AAC Cabri	108	105.8	2.8	94.3	13.8	41.2	55

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2020 Seed Manitoba - Durum Wheat Comparison

							RESISTANCE TO:										
VARIETY	SITE YEARS TESTED	YIELD BU/AC	PROTEIN %	RELATIVE MATURITY +/- 101 DAYS	HEIGHT +/- 89CM	SPIKE AWNED	LODGING	SPROUTING	LOOSE SMUT	BUNT	LEAF SPOT	STEM RUST	LEAF RUST	STRIPE RUST	FHB		
AC® Strongfield	26	62	14.4	0	0	Y	G	F	S	MR	I	R	R	MR	S		
AAC Grainland	2	66	14.1	+1	+1	Y	G		R	R	MS	MR	R	R	MS		
AAC Raymore	14	62	1404	0	0	Y	G	F	MS	MR	Ι	R	R	MR	S		
AAC Spitfire	11	65	14.3	0	-2	Y	VG	G	R	I	Ι	R	R	MR	MS		
AAC Stronghold	4	64	14.0	+1	-2	Y	VG	G	R	I	Ι	R	R	MR	S		
AAC Cabri	9	65	14.1	+1	+3	Y	G	F	MR	R	I	MR	R	R	MS		

Lodging Rates: F = Fair, G = Good, VG = Very Good Disease Ratings: R = Resistant, MR = Moderately Resistant, I = Intermediate, MS = Moderately Susceptible, S = Susceptible

2020 Varieties of Grain Crops for Saskatchewan - Canada Wstern Amber Durum

VARIETY	AREA 1&2	AREA 3&4	IRRIGATION	PROTEIN	LODGING	SPROUTING	STEM RUST	LEAF RUST	STRIPE RUST	LOOSE SMUT	BUNT	LEAF SPOT	FHB	MATURITY (DAYS	AWNS	SEED WEIGHT (MG)	VOLUME WEIGHT (KG/HL)	HEIGHT (CM)
AC® Strongfield	100	100	100	14.3	Р	F	R	R	MR	R	MR	I	S	102	Y	43.0	79.7	89
AAC Grainland	105	112		-0.1	F	G	MR	R	R	R	R	MS	MS	+1	Y	0.0	-0.5	+1
AAC Raymore	95	99	93	+0.2	Р	Р	F	R	R	MR	MS	- I	S	-1	Y	+1.8	-0.1	0
AAC Spitfire	108	110	111	-0.4	G	F	R	R	R	MS	R	MS	S	0	Y	+0.3	-0.3	-1
AAC Stronghold	102	102	112	-0.2	VG	G	R	R	MR	R	I	- I	MS	+2	Y	+0.4	+0.8	-2
Transcend	102	105	93	-0.3	F	G	R	R	R	S	R	- I	MS	+2	Y	-1.4	0.0	+8
AAC Cabri	105	104	103	-0.3	Р	F	MR	R	R	MR	R	T	MS	+1	Y	-0.8	+0.8	+3
	105	104	103	-0.3	,	G F						I			Y Y			

F = Fair, G = Good, VG = Very Good, P = Poor, VP = Very Poor

OVERALL YIELD BY TEST CATEGORY												DISEASE TOLERACE					
ALL SITES	STATION YEARS OF TESTING	LOW <45 BU/AC	MED. 45-75 BU/AC	HIGH >75 BU/AC	MATURITY RATING	PROTEIN %	TEST WEIGHT (LB/BU)	KERNEL WEIGHT (MG)	HEIGHT (CM)	LDG.	SPROUTING	LOOSE SMUT	BUNT	STRIPE RUST	LEAF SPOT	FHB	
YIELD AS % OF AC® STRONGFIELD																	
100		100	100	100	Μ	14.3	63	45	84	F	F	S	I	MR	MS	S	
99	32	107	96	98	М	-0.1	63	46	83	F	F	MR	R	R	MS	MS	
97	34	99	98	94	-M	0.8	62	47	82	F	F	MS	MR	MR	I	S	
97	25	100	96	XX	Μ	-0.4	61	46	82	G	Р	MS	R	R	MS	S	
99	13	XX	XX	102	L	-0.3	62	47	79	VG	G	R	Ι	MR	Ι	MS	
100	50	100	102	99	Μ	0.8	63	45	87	F	F	S	R	R	I	MS	
94	25	98	93	XX	Μ	0.1	62	45	86	G	Р	MR	R	R	I	MS	
	ALL SITES 100 99 97 97 97 97 99 100	ALL SITES STATION YEARS OF ESTING VIELD AS % O 100 99 32 97 34 97 25 99 13 100 50	OVERALL YIELDALLSTATION YEARS OF TESTINGLOW <45 BU/ACYIELD AS % OF AC® ST100993210797349997251009913XX10050	OVERALL YIELD CATEGOR ALL SITES STATION YEARS OF TESTING LOW <45 MED. 45-75 BU/AC YIELD AS % OF AC® STRONGFIEL 100 100 100 100 100 99 32 107 96 97 34 99 98 97 25 100 96 99 13 XX XX 100 50 100 102	OVERALL YIELD CATEGORY ALL STATION YEARS OF TESTING LOW <45 MED. 45-75 BU/AC HIGH >75 BU/AC 100 TESTING 100 100 100 100 100 100 100 100 99 32 107 96 98 97 34 99 98 94 97 25 100 96 XX 99 13 XX XX 102 100 50 100 102 99	OVERALL YIELDCATEGORYALLSTATIONLOWMED.HIGHYEARS OFLOWMED.HIGHVIELD AS % OF AC® STRONGFIELDNATURITY100100100993210796973499989725100969813XXXX10050100102999894	OVERALL VIELD CATEGORY ALL STATION YEARS OF TESTING LOW <45 MED. 8U/AC HIGH BU/AC MATURITY RATING PROTEIN % 100 TESTING BU/AC STOP MATURITY PROTEIN % 100 100 100 M 14.3 99 32 107 96 98 M -0.1 97 34 99 98 94 -M 0.8 97 25 100 96 XX M -0.4 99 13 XX XX 102 L -0.3 100 100 102 99 M 0.8	OVERALL VIELD CATEGORY ALL STATION YEARS OF TESTING LOW <45 MED. 45-75 HIGH 575 MATURITY RATING PROTEIN TEST WEIGHT (LB/BU) 100 STATION 100 MO MATURITY RATING PROTEIN WEIGHT (LB/BU) 100 100 100 M 14.3 63 99 32 107 96 98 M -0.1 63 97 34 99 98 94 -M 0.8 62 97 25 100 96 XX M -0.4 61 99 13 XX XX 102 L -0.3 62 100 50 100 102 99 M 0.8 63	OVERALL VIELDCATEGORYALLSTATIONLOWMED.HIGHMATURITYPROTEINTESTKERNELSITESTESTINGBU/ACBU/ACBU/ACMATURITYPROTEINNeiGHTWeiGHTVIELD AS % OF AC® STRONGFIELD100100M14.36345100321079698M-0.163469734999894-M0.86247972510096XXM-0.461469913XXXX102L-0.362471005010010299M0.86345	OVERALL YIELDCATEGORYALLSTATION YEARS OF TESTINGLOW <45MED. 45-75HIGH SU/ACMATURITY RATINGPROTEIN %TEST WEIGHTKERNEL WEIGHTHEIGHT (MG)HEIGHT (CM)100VIELD AS % OF AC® STRONGFIELD100M14.363458499321079698M-0.16346839734999894-M0.8624782972510096XXM-0.46146829913XXXX102L-0.36247791005010010299M0.8634587	OVERALL VIELDCATEGORYALLSTATIONLOWMED.HIGHMATURITYPROTEINWEIGHTKERNELHEIGHTLOG.SITESTESTINGBU/ACBU/ACBU/ACMATURITYPROTEINWEIGHTHEIGHTLDG.100VIELD AS % OF AC® STRONGFIELD100M14.3634584F100100100M14.3634683F99321079698M-0.1634683F9734999894-M0.8624782F972510096XXM-0.4614682G9913XXXX102L-0.3624779VG1005010010299M0.8634587F	OVERALL YIELDCATEGORYALLSTATION YEARS OF TESTINGLOW <45	OVEHALL YIELDCATEGORYALLSTATION YEARS OF BU/ACLOW 455 75 BU/ACHIGH 575 BU/ACMATURITY BU/ACPROTEIN RATINGTEST WEIGHT WEIGHT MATURITY BROTEINKERNEL WEIGHT (MG)HEIGHT LDGLDG SPROUTINGLOOSE SMUT100VIELD AS % OF AC® STRUT100M14.3634584FFS100100100M14.3634584FFS99321079698M-0.1634683FFMR9734999894-M0.8624782FFMS972510096XXM-0.4614682GPMS9913XXXX102L-0.3624779VGGGR1005010010299M0.8634587FFS	OVERALL YIELDCATEGORYMED.HIGH 45.75HIGH >75HIGH 8U/ACPROTEIN RATINGTEST WEIGHTKERNEL WEIGHTHEIGHT (CM)LDG.SPROUTINGLOOSE SMUTBUNT100FESTING100100M14.3634584FFSI100100100M14.3634584FFSI99321079698M-0.1634683FFMRR9734999894-M0.8624782FMSMRR972510096XXM-0.4614682GPMSR9913XXXX102L-0.3624757VGGRI1005010010299M0.8634587FFSI	OVERALL VIELDCATEGORYDISEASE IOLERALALLSTATION YEARS OF SITESLOW 45-75MED. BU/ACHIGH >755MATURITY RATINGPROTEIN %KERNEL WEIGHT (LB/BU)HEIGHT (CM)LOG. SPROUTINGLOOSE SMUTLOOSE BU/ACSTRIPE BUNT100100100M14.3634584FFSIMR100100100M14.3634584FFSIMR99321079698M-0.1634683FFMRRR9734999894-M0.8624782FMSMSMRMR972510096XXM-0.4614682GPMSRR9913XXXX102L-0.3624779VGGRIMR1005010010299M0.8634587FFSIMR	OVERALL YIELDCATEGORYDiscase for the constraint of	

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2020 Alberta Seed Guide - Canada Western Amber Durum