

Technical Bulletin

Genes that fit *your* farm.

SeCan

Canada's Seed Partner

AAC Bullet Milling Oat

Description

Stable and high yielding, white-hulled milling oat. Well-suited for Ontario growers in Areas II and III

Strengths

- Good crown rust resistance
- Heavy kernel weight
- Good straw strength and standability
- Can be used in mixed grain

Management

- Slightly later maturing than competitors
- Fungicide application strongly recommended to control crown rust

Breeder

Dr. Weikai Yan *et al.*
Ottawa Research and Development Centre
Agriculture and Agri-Food Canada
Ottawa, ON

Ontario Oat Performance Trial Cumulative Yield Index¹ Summary, OCCC, Dec 2016

Cultivar	Area II ²					Area III ²					Area V ²				
	5 yr ³	4 yr	3 yr	2 yr	2016	5 yr ³	4 yr	3 yr	2 yr	2016	5 yr ³	4 yr	3 yr	2 yr	2016
Hulled															
OAC Markdale		90	89	92	87		97	97	91	93				96	93
Canmore											100	100	101	102	104
RC Amaze	91	89	88	92	95	99	97	93	94	94				101	97
Synextra											94	94	95	96	95
AC® Dieter						97	95	97	94	99	99	98	96	95	97
Avatar						98	96	100	99	103					
Oscar											101	101	102	100	98
Hidalgo						89	87	93	96	105	104	99	99	99	100
Vitality											101	101	98	98	100
AAC Bullet	115	118	119	107	105	108	109	104	104	95	102	101	102	100	99
AAC Roskens	102	101	99	96	91	105	107	102	97	88					
Nice											107	105	102	103	106
Riley	97	95	91	97	101	103	104	101	101	103	98	95	94	98	97
AAC Almonte		109	111	106	98		104	103	97	94				97	93
Bolina											106	108	108	105	
CDC Orrin						102	105	103	108						
AAC Richmond				105	106				108	110				100	103
AAC Oaklin		109	109	102	95	110	104	102	92		101	100	98	98	
AAC Pontiac			107	102	100			100	97	91			98	95	95
Kara			112	105	104			107	105	105			109	104	102
Akina			114	104	106			109	108	104			109	103	102
AAC Nicolas									110	104		110	106	104	
Fiona				100	98				94	97				96	97
AAC Kolosse				103	102				108	104				100	99
AAC Noranda				100	98				111	104				104	104
AAC Blake				107	107				108	105				102	103
Kyron					105					108					105
AAC NORMANDIN										98					

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. See area map on GoCereals.ca website.

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

Ontario Oat Performance Trials, Varietal Characteristics, OCCC, Dec 2016

Cultivar	Class ¹	Test Weight (kg/hL)	1000 Kernel Weight (g)	Heading ³ (days)	Maturity ³ (days)	Height (cm)	Lodging (0-9) ²	Crown Rust (0-9) ²	Leaf Septoria (0-9) ²	Straw Yield Index
Based on Data from Area II										
AAC Bullet	white	47.5	43.9	57	XX	85	XX	1.0	4.0	XX
Based on Data from Area III										
AAC Bullet	white	52.7	40.1	62	XX	72	0.0	1.1	1.8	XX
Based on Data from Area V										
AAC Bullet	white	44.0	35.5	63	101	89	0.0	XX	XX	110

1. Hull colour

2. For ratings 0-9, a high score is undesirable.

3. Days from planting. Heading and Physiological Maturity vary from year to year and should only be used to indicate relative differences

For more information, call 1-866-797-7874 or visit www.secan.com