

# Technical Bulletin

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Canada's Seed Partner

## AAC Montrose Six-Row Barley



### Description

Six-row feed barley adapted to northeastern Ontario, Quebec and the Maritimes

### Strengths

- Maintains good lodging resistance despite tall plant height
- Good resistance to straw and neck break

### Management

– Plant seed uniformly treated with an effective fungicide for disease control of loose smut

### Breeders

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### 2018 Spring Barley Performance Trial Cumulative Yield Index<sup>1</sup> Summary, OCCC, Dec 2018

Cultivar	Area II <sup>2</sup>					Area III <sup>2</sup>					Area V <sup>2</sup>					
	5 yr <sup>3</sup>	4 yr	3 yr	2 yr	2018	5 yr <sup>3</sup>	4 yr	3 yr	2 yr	2018	5 yr <sup>3</sup>	4 yr	3 yr	2 yr	2018	
<b>2 Rowed</b>																
AC Kings	98	97	95	95	97											
Bornholm	100	102	99	99	107	98	101	101	104	105						
Conestogo	97	99	97	96	100	95	97	98	101	101						
AAC Purpose	98	99	99	102	111	96	96	97	97	101	99	100	101	104	104	
Dundee			96	95	99			101	103	101			96	97	100	
Champion			98	91	97			100	98	99						
AAC Bell										94					95	
AAC Ling										80					96	
AAC Synergy					91					88						
Newport					104					102						
<b>6 Rowed</b>																
Cyane	104	102	101	105	99	107	107	106	108	111						
Dignity	101	99	99	98	91	101	102	101	101	93						
OCEANIK						108	110	109	110	114	107	107	107	103	100	
OAC Laverne	103	104	104	107	110	101	103	103	102	104						
Harmony						106	104	104	105	113						
Synasolis											97	96	95	100	107	
Amberly	105	106	107	112	111	104	102	104	102	99					111	
HY 621-6R	104	101	105	112	111	101	101	102	107	107						
Alyssa												93	91	89	95	
AAC Mirabel						97	96	96	94	99	98	95	95	94	94	
OAC Belwood	99	100	98	97	102	102	104	103	104	104						
Boroe											107	107	107	107	102	
Masky						105	105	104	104	106	105	105	105	106	104	
Chambly						105	106	107	110	107	101	102	102	104	102	
AAC Vitality	102	102	105	105	102	104	102	103	103	102	101	100	101	103	100	
DS7176RB	99	98	96	94	92	108	109	108	112	120						
<b>AAC Montrose </b>											<b>103</b>	<b>102</b>	<b>100</b>	<b>96</b>		
Marden			104	107	102			97	100	96			105	102	96	
Baden			104	105	107			110	112	109			108	105	103	
DS8126RB					107					113						
Sagamie										94						
<b>6 Rowed Hulless</b>																
Bastile									70	78			80	79	86	90
Means (t/ha)	4.36	4.06	4.23	3.70	3.50	4.48	4.41	3.80	3.60	3.45	4.76	4.89	4.64	4.64	4.03	
Means (bu/ac)	81	76	79	69	65	83	82	71	67	64	88	91	86	86	75	
Locations	15	11	7	4	2	11	9	7	5	3	12	10	8	5	2	

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

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