

# Technical Bulletin

Genes that fit your farm.

**SeCan**

Canada's Seed Partner

## Dignity Six-Row Barley

### Description

Six-row spring feed barley suited to Areas II and III of Ontario

### Strengths

– Great straw strength

### Management

– Medium plant height

– Performs well in warmer zones, but is not suitable for Area V. Consider Marden or Baden six-row barleys for this growing area instead  
– Plant seed uniformly treated with an effective fungicide for disease control of loose smut

### Breeder

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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				101	103				96	97
Champion 🌿				98	91				100	98					100
AAC Bell 🌿															94
AAC Ling 🌿															80
AAC Synergy 🌿					91										88
Newport					104					102					
<b>6 Rowed</b>															
Cyane	104	102	101	105	99	107	107	106	108	111					
<b>Dignity</b>	<b>101</b>	<b>99</b>	<b>99</b>	<b>98</b>	<b>91</b>	<b>101</b>	<b>102</b>	<b>101</b>	<b>101</b>	<b>93</b>					
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	97	96	95	100	107
Synasolis											106	106	108	107	106
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					
AAC Montrose 🌿												103	102	100	96
Marden				104	107			97	100	96				105	102
Baden				104	105			110	112	109				108	105
DS8126RB					107					113					
Sagamie										94					
<b>6 Rowed Hulless</b>															
Bastile									70	78				80	79
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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