

# Technical Bulletin

Genes that fit *your* farm.



## NEW **Secord** Soft Red Winter Wheat

### Description

Awned soft red winter wheat with strong yields and good stripe rust tolerance

- moderately susceptible to Don
- medium plant height

### Characteristics

- susceptible to FHB

### Management

- responds well to intensive management
- suited to Areas I, II, and III of Ontario

### Ontario Winter Wheat Performance Trial – Cumulative Yield Indices<sup>1</sup>, Intensive Trials Summary for Area I & II Combined<sup>2</sup>, OCCC, August 2018

Class <sup>3</sup>	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
sww	Ava							96 <sup>4</sup>	103	99	100
	E0028W									103	102
	25W31 (awned)			93	104	91	102	91	104	100	100
	Branson	102	108	103	108	104	108	104	109	104	105
	Wave	93	101	92	102	92	102	90	102	98	101
	CM614	100	106	100	107	100	107	100	108	104	105
	<b>Secord (awned)</b>	<b>98</b>	<b>107</b>	<b>98</b>	<b>108</b>	<b>99</b>	<b>108</b>	<b>98</b>	<b>109</b>	<b>102</b>	<b>105</b>
	25R40 (awned)	104	110	105	110	106	110	105	111	103	102
	Emperor	94	106	93	106	93	106	91	106	103	105
	Marker	101	108	100	108	101	108	100	108	103	103
	UGRC Ring (awned)	100	109	100	109	101	109	98	108	99	102
	25R46 (awned)			87	105	85	106	85	106	100	102
	Cruze (awned)			97	106	97	106	94	106	97	102
	DS572SRW			98	112	98	112	98	113	107	108
	Drew (awned)					89	104	87	104	95	98
	Measure (awned)							99	103	97	101
	B654SRW					105	110	105	111	104	107
B743SRW					100	105	99	105	96	97	
25R61 (awned)							94	109	104	107	
25R74 (awned)							104	108	104	104	
hrw	AC Morley	92	99	93	99	92	97	93	100	96	98
	Priesley	100	104	99	104	100	105	98	105	99	102
	Gallus (awned)	95	99	95	100	97	100	94	98	94	95
	JDC78 (awned)					98	105	97	106	99	101
	Arnold (awned)							88	93	93	93
	Lexington (awned)									94	95
efw	Frontenac									102	101
Means (t/ha)		5.85	6.41	5.76	6.35	5.95	6.53	5.68	6.31	5.83	5.96
Means (bu/ac)		87	95	86	94	89	97	84	94	87	89
Location-years		23		19		15		10		4	

<sup>1</sup>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.









<sup>2</sup> Area I and II combined: see map of areas on [www.gocereals.ca](http://www.gocereals.ca) website.

<sup>3</sup> sww = soft white winter, srw = soft red winter, hww = hard white winter, hrw = hard red winter, efw = eastern feed winter

<sup>4</sup> 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. Visit [pbrfacts.ca](http://pbrfacts.ca) to learn more.

**Ontario Winter Wheat Performance Trial; Cumulative Yield Index<sup>1</sup> Summary for Area III<sup>2</sup>, OCCC, August 2018**

Class <sup>3</sup>	Variety	5 year	4 year	3 year	2 year	2018
sww	Ava	102 <sup>4</sup>	102	102	101	105
srw	Branson	103	103	104	105	101
	CM614	104	104	104	100	103
	<b>Secord (awned)</b>	<b>103</b>	<b>102</b>	<b>103</b>	<b>103</b>	<b>103</b>
	Emperor 	97	97	98	99	100
	Marker	104	104	104	103	103
	UGRC Ring (awned) 	105	106	106	103	101
	DS572SRW 		104	105	103	104
	Drew (awned)			100	101	101
	B654SRW 			106	108	105
	B743SRW 			99	96	92
	Measure (awned)				98	96
hrw	AC Morley	94	94	93	90	91
	Princeton	98	98	99	98	104
	Priesley	102	101	100	102	106
	Gallus (awned) 	98	98	100	101	99
	JDC78 (awned) 			97	101	99
	Lexington (awned) 					100
efw	Frontenac					103
Means (t/ha)		5.68	5.74	6.17	7.06	7.27
Means (bu/ac)		85	85	92	105	108
Location-years		12	10	7	5	3


<sup>1</sup>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.

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**Ontario Winter Wheat Performance Trial - Cumulative Yield Indices<sup>1</sup>, Intensive Trials Summary for Area III<sup>2</sup>, OCCC, August 2017**

Class <sup>3</sup>	Variety	2017 Index Fungicides	
		No	Yes
sww	Ava	87 <sup>4</sup>	102
	25W31 (awned) 	98	101
srw	Emmit	105	113
	Branson	106	112
	CM614	76	91
	WB425 (awned) 	97	118
	<b>Secord (awned)</b>	<b>95</b>	<b>102</b>
	25R34 (awned)	92	106
	25R40 (awned)	99	112
	HY 412-SRW 	96	104
	Emperor 	97	104
	OAC Flight (awned) 	101	103
	Marker	105	109
	UGRC Ring (awned) 	102	111
	25R46 (awned)	104	110
	Cruze (awned)	108	108
	DS572SRW 	108	104
	Drew (awned)	98	103
	B654SRW 	103	112
	B743SRW 	93	106
	25R61 (awned) 	105	113
25R74 (awned) 	109	104	
hrw	AC Morley	89	88
	AC Sampson	81	102
	Princeton	84	108
	Priesley	88	100
	Gallus (awned) 	99	103
	HY 301-HRW 	92	95
	JDC78 (awned) 	97	104
	Arnold (awned)	49	55
	Means (t/ha)	6.74	7.28
Means (bu/ac)	100	108	
Location-years	1		