

# Technical Bulletin

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Canada's Seed Partner

## Pasteur Spring Wheat

### Description

General purpose spring wheat. Adapted to the Prairies and produced in eastern Canada for its high yields.

Falls under Pool G (feed wheat)

### Strengths

- High yield potential and good lodging resistance

### Breeder

Wiersum Plant Breeding, Netherlands

### 2017 Ontario Spring Wheat Performance Trial Cumulative Yield Index<sup>1</sup> Summary, OCCC, Dec 2017

Cultivar	Class <sup>3</sup>	Area II <sup>2</sup>					Area III <sup>2</sup>					Area V <sup>2</sup>				
		5 yr <sup>4</sup>	4 yr	3 yr	2 yr	2017	5 yr <sup>4</sup>	4 yr	3 yr	2 yr	2017	5 yr <sup>4</sup>	4 yr	3 yr	2 yr	2017
Sable	HRS-a	103	103	108	112	109	100	99	99	100	101	107	107	110	110	113
Megantic	HRS-a						97	97	97	94	92	97	95	94	96	101
HY 124-HRS	HRS-a	102	102	100	101	106	95	95	96	96	98			101	98	98
Touran	HRS-a						104	103	101	101	102	102	99	103	105	100
Furano	HRS						100	102	100	100	98	97	96	94	92	88
MAJOR	HRS						96	96	95	96	97	98	98	97	97	92
Fuzion	HRS						101	103	105	104	103	108	110	110	113	119
Wilkin	HRS	106	107	111	118	124	110	111	110	108	110	106	105	104	107	110
AAC Scotia	HRS-a	98	98	94	90	88	98	97	95	101	97					
TOPAZE	HRS-a						110	111	112	113	120	107	108	109	113	123
Easton	HRS-a	113	111	113	116	130	110	111	112	113	120	104	105	107	109	108
AAC Fairwind	HRS-a	101	100	99	98	110	109	106	105	109	109					
Dakosta	HRS-a					79					97					105
SS Blomidon	HRS		96	91	85	77		103	100	96	96		98	98	97	100
Moka	HRS							92	94	91	89		98	98	97	100
RGT Presidio	HRS										99					94
Ventry	HRS				108	112					98	100			96	104
DS206HRS	HRS				102	101					92	91				
Toundra	HRS-a										100					96
<b>Pasteur</b>	<b>Other</b>			<b>104</b>	<b>104</b>	<b>106</b>			<b>102</b>	<b>103</b>	<b>100</b>			<b>104</b>	<b>105</b>	<b>101</b>
HY 162-HRF	EFS-a					85					98					
Hoffman	EFS-a	101	99	92	83	92	108	107	106	104	94		103	102	93	
Bangor	EFS-a										102					87
Dagon	EFS-a					78					112					92
Sonika	TRIT-a			102	106	99			99	100	94			91	93	81

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. HRS = hard red spring, EFS = eastern feed spring, TRIT = triticale, Other = does not meet quality standards for CEHRS, -a = awned

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

### 2017 Ontario Spring Wheat Performance Trials, Varietal Characteristics, OCCC, Dec 2017

Variety	Class	Fusarium Data			Test Weight (kg/hL)	Protein (%)	1000 Kernel Weight (g)	Lodging (0-9) <sup>2</sup>	Height (cm)	Heading <sup>3</sup> (days)	Maturity <sup>3</sup> (days)	Mildew (0-9) <sup>2</sup>	Leaf Rust (0-9) <sup>2</sup>	Leaf Septoria (0-9) <sup>2</sup>	Stripe Rust (0-9) <sup>2</sup>	Straw Yield Index
		Combined Fusarium Rating <sup>1</sup>	Don Rating <sup>1</sup>	Years												
<b>Based on Data from Area II</b>																
Pasteur	Other	S	MS	2	72.0	13.1	34.5	0.4	93	60	XX	0.0	XX	XX	0.3	XX
<b>Based on Data from Area III</b>																
Pasteur	Other	S	MS	2	71.2	11.3	28.5	1.2	93	61	XX	0.4	0.0	0.0	0.6	89
<b>Based on Data from Area V</b>																
Pasteur	Other	S	MS	2	72.1	13.2	31.7	4.5	92	56	106	0.5	2.0	2.9	0.3	107

1. Combined Fusarium Ratings are based on BOTH Fusarium head blight ratings and deoxynivalenol (DON) levels from inoculated provincial trials. DON Ratings are based only on DON levels from inoculated provincial trials. MR=moderately resistant (best); MS=moderately susceptible; S=susceptible; HS=highly susceptible (worst)

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 [secan.com](http://secan.com)