

# 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 yield potential. Falls under Pool G (feed wheat)

### Breeder

Wiersum Plant Breeding, Netherlands

### Strengths

- High yield potential
- Good lodging resistance

### 2016 Ontario Spring Wheat Performance Trial Cumulative Yield Index<sup>1</sup> Summary, OCCC, Dec 2016

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	2016	5 yr <sup>4</sup>	4 yr	3 yr	2 yr	2016	5 yr <sup>4</sup>	4 yr	3 yr	2 yr	2016
Norwell	HRS-a	100	100	100	104	109	98	99	100	97	93	103	104	105	107	110
Sable	HRS-a	103	102	102	107	114	100	100	98	98	99	103	105	104	108	106
Megantic	HRS-a						98	98	98	100	96	97	96	93	90	91
HY 124-HRS	HRS-a	102	101	101	99	98	96	95	95	95	93	97	96	95	95	92
Touran	HRS-a														102	99
Furano	HRS						102	104	103	101	100	104	102	99	104	111
MAJOR	HRS						99	101	103	100	101	99	99	100	98	97
Fuzion	HRS						96	95	95	94	94		100	100	100	102
Wilkin	HRS	103	103	104	107	114	100	100	103	106	105	103	105	106	105	106
AAC Scotia	HRS-a	100	100	100	95	92	110	109	111	109	106	104	105	103	100	104
MAGOG	HRS						98	97	95	96	94	98	97	98	97	94
TOPAZE	HRS-a						97	98	97	93	104					
KLEOS	HRS						93	92	90	93	90	93	93	91	91	84
Easton	HRS-a		110	108	108	106		108	109	108	107		102	102	101	103
SS Blomidon	HRS			99	94	90			105	102	95			100	99	98
Moka	HRS								93	96	93			98	97	93
<b>Pasteur</b>	<b>Other</b>				<b>104</b>	<b>103</b>				<b>103</b>	<b>107</b>			<b>107</b>	<b>108</b>	
Hoffman	EFS-a	103	102	101	92	77	112	111	112	113	114				109	111
Sonika	TRIT-a				103	110				102	107				97	105

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

### 2016 Ontario Spring Wheat Performance Trials, Varietal Characteristics, OCCC, Dec 2016

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	MS	MR	1	76.7	12.7	32.4	0.0	76	62	XX	XX	0.0	2.5	3.0	XX
<b>Based on Data from Area III</b>																
Pasteur	Other	MS	MR	1	75.6	13.7	35.0	XX	69	56	XX	0.8	1.1	0.4	XX	XX
<b>Based on Data from Area V</b>																
Pasteur	Other	MS	MR	1	76.0	12.6	33.9	XX	81	62	109	XX	XX	XX	XX	133

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) \*\* These columns will be updated when the 2016 data are available.

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