

**Ontario Soybean and Canola Committee
Recommended Spring Canola Varieties for Ontario 2015⁽¹⁾**

Recommended Varieties with Three Years of OSACC Test Data (2012 - 2014)

Variety	Yield Index (% of checks)	Oil (% Seed)	Protein (% Meal)	Days to Flowering	Days to Maturity	Height (cm)	Lodging ⁽²⁾ (0-5)	1000-seed wt (g)	Green Seed (%)	Brown Seed (%)	FFA (% of oil)
L150 (check)	98	43.1	40.1	49	97	137	1.7	3.30	2.0	0.9	0.34
45H29 (check)	102	43.6	39.5	45	97	135	1.6	3.21	0.7	1.2	0.23
Mean of checks	-	43.3	39.8	47	97	136	1.6	3.25	1.3	1.1	0.28
5440	102	42.1	38.9	47	96	134	0.9	3.41	1.1	1.4	0.32
73-75RR	100	44.2	39.3	45	95	126	1.8	3.50	1.5	0.6	0.30
Canterra 1990	99	43.0	38.0	44	97	130	1.7	3.57	1.9	1.3	0.30
45S54	94	44.8	39.1	45	97	130	1.8	3.55	0.7	1.4	0.33
74-44BL	102	44.8	39.4	43	95	123	1.6	3.33	0.4	0.8	0.30
Check yield (Mg / ha)	3.33										
Check yield (lb / acre)	2976										
No. Sites ⁽³⁾	13	15	15	8	9	14	13	14	14	14	15 ⁽⁴⁾

Recommended Varieties with Two Years of OSACC Test Data (2013 - 2014)

Variety	Yield Index (% of checks)	Oil (% Seed)	Protein (% Meal)	Days to Flowering	Days to Maturity	Height (cm)	Lodging ⁽²⁾ (0-5)	1000-seed wt (g)	Green Seed (%)	Brown Seed (%)	FFA (% of oil)
Mean of checks ⁽⁵⁾		43.4	39.0	47	96	135	2.2	3.32	1.7	1.3	0.30
L252	109	43.9	38.3	47	96	136	1.7	3.14	1.1	0.9	0.35
Check yield (Mg / ha)	3.17										
Check yield (lb / acre)	2830										
No. Sites ⁽³⁾	11	11	11	7	6	10	9	10	10	10	11 ⁽⁴⁾

Recommended Varieties with One Year of OSACC Test Data (2014)

Variety	Yield Index (% of checks)	Oil (% Seed)	Protein (% Meal)	Days to Flowering	Days to Maturity	Height (cm)	Lodging ⁽²⁾ (0-5)	1000-seed wt (g)	Green Seed (%)	Brown Seed (%)	FFA (% of oil)
Mean of checks ⁽⁵⁾		42.8	37.9	48	99	134	2.3	3.27	1.1	0.7	0.21
L140P	109	41.9	36.3	45	98	131	2.5	3.09	0.6	0.4	0.16
Check yield (Mg / ha)	3.29										
Check yield (lb / acre)	2943										
No. Sites ⁽³⁾	6	6	6	4	3	6	5	5	5	5	6

⁽¹⁾ Varieties on this list have received the support of the Ontario Soybean and Canola Committee (OSACC) as being suitable for production in Ontario. This list reflects decisions made by OSACC as of its January 2015 annual meeting.

⁽²⁾ Lodging is rated from 0 (erect) to 5 (flat).

⁽³⁾ In 2012, two sites for yield (Meaford, Listowel) and two additional sites for quality (Elora, Kemptville)
Five sites in 2013: Elora, Listowel, Georgetown, Kemptville, Meaford
Six sites in 2014: Elora, Melancthon, Listowel, Georgetown, Kemptville, Meaford

⁽⁴⁾ FFA (free fatty acid) values are means across years, regardless of the number of locations within each year.

⁽⁵⁾ Checks were 45H29 and L150