

**Ontario Soybean and Canola Committee
Recommended Spring Canola Varieties for Ontario 2016⁽¹⁾**

Recommended Varieties with Three Years of OSACC Test Data (2013 - 2015)

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)
45H29 (check)	100	43.2	39.5	47	100	135	2.2	3.10	0.7	1.6	0.34
5440 (check)	100	41.3	39.2	48	101	135	1.4	3.32	1.2	1.8	0.42
Mean of checks	-	42.3	39.3	47	101	135	1.8	3.21	1.0	1.7	0.38
Canterra 1990	96	41.9	37.3	45	99	126	2.3	3.50	1.7	1.5	0.36
45S54	89	44.0	39.2	46	99	128	2.4	3.42	0.6	1.8	0.42
L252	107	43.3	39.0	48	101	132	1.8	3.03	0.9	1.1	0.42
Check yield (Mg / ha)	3.13										
Check yield (lb / acre)	2803										
No. Sites ⁽³⁾	16	16	16	10	9	15	13	15	15	15	16 ⁽⁴⁾

Recommended Varieties with Two Years of OSACC Test Data (2014 - 2015)

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	-	41.2	38.8	48	104	135	2.0	3.10	0.9	1.3	0.38
L140P	102	40.9	38.1	47	103	129	2.5	2.95	0.5	0.7	0.26
45H33	98	42.5	39.5	47	103	133	2.4	3.01	0.2	0.9	0.38
Check yield (Mg / ha)	3.15										
Check yield (lb / acre)	2821										
No. Sites ⁽³⁾	11	11	11	7	6	11	9	10	10	10	11 ⁽⁴⁾

⁽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 2016 annual meeting.

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

⁽³⁾ Five sites in 2013: Elora, Listowel, Georgetown, Kemptville, Meaford
Six sites in 2014: Elora, Melancthon, Listowel, Georgetown, Kemptville, Meaford
Five sites in 2015: Elora, Melancthon, Georgetown, Winchester, Emo

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