

**Ontario Soybean and Canola Committee
Recommended Spring Canola Varieties for Ontario 2014⁽¹⁾**

Recommended Varieties with Three Years of OSACC Test Data (2011 - 2013)

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)
45H28 (check)	98	45.2	45.1	46	94	124	1.2	3.18	1.1	1.8	0.37
L150 (check)	102	43.6	45.8	49	94	132	1.3	3.27	3.8	2.9	0.55
Mean of checks	-	44.4	45.4	47	94	128	1.3	3.22	2.4	2.4	0.46
5440	103	42.8	45.0	48	94	128	0.5	3.44	2.3	4.5	0.58
45H29	99	44.6	45.7	46	94	129	1.2	3.21	1.7	3.3	0.44
73-75RR	101	45.3	45.8	45	92	116	1.4	3.46	1.7	2.2	0.43
Canterra 1990	99	44.4	43.3	45	96	122	1.2	3.56	3.5	3.2	0.51
45H31	98	44.6	47.2	48	94	123	0.6	3.38	1.4	3.4	0.51
Check yield (Mg / ha)	3.08										
Check yield (lb / acre)	2752										
No. Sites ⁽³⁾	12	14	14	8	10	13	8	14	14	14	14 ⁽⁴⁾

Recommended Varieties with Two Years of OSACC Test Data (2012 - 2013)

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⁾		43.8	40.8	46	96	134	1.3	3.28	1.4	0.9	0.33
45S54	96	45.4	40.9	44	96	130	1.3	3.66	0.7	1.6	0.41
74-44BL	101	45.4	41.4	42	94	122	1.2	3.37	0.5	1.0	0.36
Check yield (Mg / ha)	3.34										
Check yield (lb / acre)	2983										
No. Sites ⁽³⁾	7	9	9	4	6	8	8	9	9	9	9 ⁽⁴⁾

Recommended Varieties with One Year of OSACC Test Data (2013)

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⁾		44.3	40.3	45	94	135	2.2	3.44	2.3	1.2	0.42
L252	112	44.5	39.3	46	94	135	1.1	3.20	1.9	1.2	0.52
Check yield (Mg / ha)	3.04										
Check yield (lb / acre)	2719										
No. Sites ⁽³⁾	5	5	5	3	3	4	4	5	5	5	5 ⁽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 2014 annual meeting.

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

⁽³⁾ Five sites in 2011: Elora, Shelburne, Listowel, New Liskeard, Verner
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

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

⁽⁵⁾ Checks were 45H28 and L150