

1980 ONTARIO REPORT

SOYBEANS

Choose a variety that will mature every year in your locality. See Heat Unit map.

When you intend to sow fall wheat following a soybean crop, consider a soybean variety earlier than a full-season variety for your area.

Soybean Variety Recommendations and Descriptions

Variety	Heat Units Required	Hilum Color	Seeds Per kilogram	Phytophthora Root Rot Reaction % Plant Loss*	Source
Maple Presto	2100	light-brown	5780	13	Public Variety
McCall	2550	yellow	5880	17	Public Variety
Maple Arrow	2550	brown	5030	17	Public Variety
Evans	2700	yellow	6140	25	Public Variety
Gesto	2800	yellow	6020	23	Funk Seeds, Cottam, Ontario
A1564	2900	yellow	5650	11	Maple Leaf Mills, Wallaceburg,
Hodgson	2900	buff	5620	20	Public Variety
Prestige	2900	brown	6100	23	King Grain Ltd., Chatham, Ontario
S1346	2900	yellow	5350	9	National N.K. Seeds Ltd., Cambridge, Ontario
Starbuck	2950	buff	5770	17	St. Clair Grain & Feed, Chatham,
Coles	3000	yellow	5140	10	Public Variety
A2575	3050	buff	5850	14	Maple Leaf Mills, Wallaceburg,
Wells	3050	black-brown	5850	32	Public Variety
Premier	3100	yellow	5650	7	King Grain Ltd., Chatham, Ontario
A2656	3150	black-brown	5590	12	Maple Leaf Mills, Wallaceburg,
Falcon	3150	yellow	5710	34	W.G. Thompson & Sons Ltd., Blenheim,
Kentland	3150	buff	6000	8	National N.K. Seeds Ltd., Cambridge, Ontario
Starlite	3150	yellow	5780	22	St. Clair Grain & Feed, Chatham, Ontario
Viking	3150	buff & yellow	5850	34	W.G. Thompson & Sons Ltd., Blenheim,
Amsoy 71	3200	yellow	5260	40	Public Variety
Dawn	3200	yellow	5880	24	United Co-operatives of Ontario, Chatham, Ontario
Harcor	3200	yellow	6060	16	Public Variety

*Three-year average in a field at Woodslee heavily infested with *Phytophthora* (see section on soybean diseases p. 37).

Agronomic Data

Testing Areas	Variety	Heat Unit Rating	Yield Tonnes per Hectare*	Days from Planting to Maturity	Plant Height cm	Lodging 1=standing 5=flat
3-year average of 8 trials at Ottawa, Elora and Kemptville	Maple Presto ¹	2100	2.3	102	65	1.2
	McCall	2550	3.2	119	71	1.4
	Maple Arrow	2550	3.3	120	75	1.5
	Evans	2700	3.4	134	86	2.1
3-year average of 7 trials at Fingal, Oil City and Ridgetown	Evans	2700	2.8	117	74	1.3
	Gesto	2800	2.8	118	74	1.5
	A1564	2900	3.2	126	85	2.0
	Hodgson	2900	3.3	125	80	1.8
	Prestige	2900	3.1	125	84	2.0
	S1346	2900	3.2	125	69	1.2
	Starbuck	2950	3.1	127	84	1.7
	Coles	3000	3.2	129	97	2.3
3-year average of 9 trials at Ridgetown, Woodslee and Malden	Wells	3050	3.1	130	85	1.1
	Hodgson	2900	3.6	121	85	1.8
	Starbuck	2950	3.4	122	92	2.2
	Coles	3000	3.5	124	99	2.4
	A2575	3050	3.6	125	92	1.2
	Wells	3050	3.4	125	93	1.5
	Premier	3100	3.6	126	88	2.0
	A2656	3150	3.6	127	92	2.2
	Falcon	3150	3.5	127	93	1.5
	Kentland	3150	3.6	127	88	2.0
	Starlite	3150	3.6	127	91	2.3
	Viking	3150	3.3	127	97	2.5
	Amsoy 71	3200	3.4	128	103	2.1
Dawn	3200	3.6	128	94	2.5	
Harcor	3200	3.6	128	97	2.5	

*1 tonne/ha = 893 lb/acre

¹Maple Presto is a very early variety considered to be too early and too low yielding for general use in Ontario. However, this variety may be considered for late planting situations in short season areas.