

1979 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*	Source
¹ McCall	2550	yellow	5750	T	Public Variety
Maple Arrow	2550	brown	5280	T	Public Variety
Vansoy	2600	yellow	6050	T	Public Variety
Beechwood	2600	black	4950	MT	Stewart Seeds, Ailsa Craig
Evans	2700	yellow	6170	T	Public Variety
Harlon**	2800	yellow	5680	MS	Public Variety
Hodgson	2900	buff	5780	T	Public Variety
Nairn**	2900	yellow	5780	MS	Stewart Seeds, Ailsa Craig
Starbuck	2900	buff	5780	T	St. Clair Grain & Feed Chatham, Ontario
Wells	3050	black-brown	5990	MT	Public Variety
Harosoy 63**	3100	yellow	5240	MS	Public Variety
Premier	3100	yellow	5920	T	King Grain Ltd. Chatham
Viking	3100	buff & yellow	6160	MT	W. G. Thompson & Sons Ltd. Blenheim, Ontario
Dawn	3150	yellow	6020	T	United Co-operatives of Ontario, Chatham
Falcon	3150	yellow	5460	MT	W. G. Thompson & Sons Ltd. Blenheim, Ontario
Harcor	3150	yellow	6170	T	Public Variety
Harwood**	3150	yellow	4540	MS	Public Variety
Kentland	3150	buff	6210	T	National NK, Cambridge
Amsoy 71	3200	yellow	5460	MT	Public Variety

*Field Reaction T (Tolerant); MT (Moderately Tolerant); MS (Moderately Susceptible); S (Susceptible). 3-year average in a field at Woodslee heavily infested with Race 6. See section on soybean diseases.

**Will be removed from the recommended list in 1980 because of poor tolerance to Phytophthora root rot.

¹ supplies limited in 1979.

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	McCall	2550	2.9	114	71	1.4
	Maple Arrow	2550	3.0	116	74	1.4
	Vansoy	2600	2.4	122	80	1.7
	Beechwood	2600	2.6	127	87	2.4
	Evans	2700	3.2	133	89	2.3
3-year average of 7 trials at Fingal, Oil City and Ridgetown	Evans	2700	2.8	116	75	1.6
	Harlon	2800	2.8	121	81	1.9
	Hodgson	2900	3.2	122	80	1.8
	Nairn	2900	2.9	119	81	1.7
	Starbuck	2900	3.1	124	85	2.0
	Wells	3050	3.1	128	87	1.4
	Harosoy 63	3100	2.9	127	97	2.3
3-year average of 9 trials at Ridgetown, Woodslee and Harrow	Hodgson	2900	3.5	119	83	1.6
	Starbuck	2900	3.4	120	89	1.9
	Wells	3050	3.3	122	89	1.4
	Harosoy 63	3100	3.1	123	96	2.4
	Premier	3100	3.6	123	84	1.8
	Viking	3100	3.3	123	93	2.3
	Dawn	3150	3.5	125	91	2.3
	Falcon	3150	3.5	125	90	1.5
	Harcor	3150	3.5	125	94	2.3
	Harwood	3150	3.2	126	91	2.0
	Kentland	3150	3.5	124	85	1.8
Amsoy 71	3200	3.4	125	100	2.2	

*1 tonne/ha = 893 lb/acre