

1977 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, choose a soybean variety that requires 300 heat units less than those available in your area.

Soybean Variety Recommendations and Descriptions

Variety	Heat Units Required	Hilum Color	Seeds Per Pound	Phytophthora Root Rot Reaction*	Source
Vansoy	2600	Yellow	3000	T	Public Variety
Beechwood	2600	Black	2500	MT	Stewart Seeds Ltd. Ailsa Craig
Evans	2700	Yellow	2900	T	Public Variety
Harlon	2800	Yellow	2700	MS	Public Variety
Nairn	2900	Yellow	2700	MS	Stewart Seeds Ltd. Ailsa Craig
Steele	2900	Yellow	2700	S	Public Variety
Wells	3050	Black-Brown	2800	MS	Public Variety
Harosoy 63	3100	Yellow	2600	MS	Public Variety
Viking	3100	Buff & Yellow	2800	MT	W.G. Thompson & Sons Ltd. Blenheim, Ont.
Harwood	3150	Yellow	2300	MS	Public Variety
Harcor	3150	Yellow	3000	T	Public Variety
Dawn	3150	Yellow	2800	T	United Co-Operatives of Ontario, 296 Richmond St. Chatham.
Amsoy 71	3200	Yellow	2700	MT	Public Variety
XK505	3200	Black	2600	MT	St. Clair Grain & Feed Box 490, Chatham.

*Field Reaction T (Tolerant; MT (Moderately Tolerant); MS (Moderately Susceptible); S (Susceptible). 2-year average in a field at Woodslee heavily infested with Race 6. See section on soybean diseases.

Agronomic Data

Testing Areas	Variety	Heat Unit Rating	Yield Tonnes per Hectare*	Days from Planting to Maturity	Plant Height inches	Lodging 1 = standing 5 = flat
3-year average of 9 trials in Ottawa, Elora, and Kemptville	Vansoy	2600	2.3	117	34	1.6
	Beechwood	2600	2.4	120	36	2.2
	Evans	2700	2.8	122	34	1.9
3-year average of 8 trials at London, Oil City & Ridgetown	Evans	2700	3.1	119	32	1.3
	Harlon	2800	3.0	122	36	1.6
	Nairn	2900	3.1	123	36	1.8
	Steele	2900	2.9	123	35	1.9
	Wells	3050	2.9	128	37	1.4
	Harosoy 63	3100	3.1	130	41	2.5
2-year average of 4 trials at Harrow, Ridgetown, & Woodslee	Steele	2900	3.1	117	35	2.3
	Wells	3050	3.0	121	38	1.6
	Harosoy 63	3100	3.0	123	40	2.8
	Viking	3100	3.2	124	40	2.9
	Harwood	3150	2.9	125	38	2.5
	Harcor	3150	3.4	125	40	2.5
	Dawn	3150	3.4	125	38	2.6
	Amsoy 71	3200	3.2	128	39	2.6
	XK505	3200	3.0	128	39	2.5