



2023

Ontario Soybean Variety Trials

Data Collected 2021-2023


Conducted by the
Ontario Soybean And Canola Committee
www.GoSoy.ca

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ONTARIO SOYBEAN AND CANOLA COMMITTEE (OSACC)

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Ontario Soybean And Canola Committee

Table 1. Soybean Variety Performance List and Descriptions

Variety	PBR	Notes	SCN Source	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Phytophthora		Distributor
								Root Rot	% Plant Loss**	
Wolf R2X		SCN 3a	PI 88788	RR2X	000.3	BL	5700	na	Maizex	
DKB0005-03		1c		RR2X	000.5	IBL	5800	na	DEKALB	
ABACA					000.7	IY	5100	44*	SG Ceresco, Inc.	
Castor R2X		SCN 3a	PI 88788	RR2X	000.7	BL	5900	na	Maizex	
S0007-S1X		1c, 3a		RR2X	000.7	IY	6100	na	NK	
Fresco R2X		1a		RR2X	000.9	BL	5700	65	Prograin	
S0009-J5X		1c, 3a		RR2X	000.9	BR	5000	na	NK	
Young R2X		SCN 1c	PI 88788	RR2X	000.9	BL	5200	49*	SeCan	
PS 0011 XRN		SCN 1c	PI 88788	RR2X	00.0	BL	6300	na	PRIDE Seeds	
Bomber R2X		1k, 3a		RR2X	00.1	BL	5500	na	Maizex	
DKB001-07		SCN 1k	PI 88788	RR2X	00.1	BL	6200	na	DEKALB	
PR229001Z		SCN	PI 88788	RR2X	00.1	BL	6200	na	Prograin	
S001-D8X		1c		RR2X	00.1	IY	6700	na	NK	
Badger R2X		1k		RR2X	00.2	BL	5000	na	Maizex	
DKB002-32		SCN 1k	PI 88788	RR2X	00.2	BR	6200	na	DEKALB	
JAGO					00.2	Y	5100	33	SG Ceresco, Inc.	
P002A42E		1c		E3	00.2	Y	5700	na	Pioneer	
Siberia		1a			00.2	IY	6100	67*	Prograin	
Liska					00.3	IY	5400	48*	Prograin	
S003-R5X		1c		RR2X	00.3	IY	6400	na	NK	
Bourke R2X		1k		RR2X	00.4	BL	5700	36	SeCan	
Merino R2X		SCN 1k	PI 88788	RR2X	00.4	BL	5000	40	Prograin	
Mozart					00.4	Y	4800	54	Semican Inc.	
Aurelina					00.5	IY	4900	43	C&M Seeds	
Hart R2X		1c		RR2X	00.5	BR	5100	48*	SeCan	
P005A59E		1c		E3	00.5	BR	4800	na	Pioneer	
Prostar		6			00.5	Y	4900	na	Semican Inc.	
DKB006-80		SCN 1c	PI 88788	RR2X	00.6	BL	5600	na	DEKALB	
Kudo R2X				RR2X	00.6	BL	6200	42	Prograin	
B0073EE		SCN 1c	Peking	E3	00.7	IBL	5800	na	Brevant Seeds	
Elmo E3		SCN 1a	PI 88788	E3	00.7	LBR	7200	44	Prograin	
Maya		1c			00.7	IY	5300	40*	Prograin	
P007A68E		1c		E3	00.7	BF	5700	na	Pioneer	
PS 0072 XR		1c, 1k		RR2X	00.7	BL	5300	46*	PRIDE Seeds	
S007-A2XS				RR2X	00.7	GR	6700	na	NK	
S007-Z1X		1c		RR2X	00.7	BR	5400	na	NK	
SI 00723XFN		SCN 1c	PI 88788	XF	00.7	BL	5700	na	Sevita International	
Koa		1c			00.8	IY	5500	55*	Prograin	
RICHMOND					00.8	IY	4900	69	Agrocentre Belcan	
S008-N2				RR2Y	00.8	BR	5200	na	NK	
Hana					00.9	Y	5400	53*	Prograin	
PS 0098 XR		1k		RR2X	00.9	BL	6300	37	PRIDE Seeds	
Triquet R2X		SCN 1k	PI 88788	RR2X	00.9	BL	5300	49	SeCan	
Verso R2X		1k		RR2X	00.9	BR	6000	46	Prograin	
Bronco R2X		1c, 6		RR2X	0	IY	5400	52	Prograin	
Nala		1c			0	IY	5300	56*	Prograin	
Apollina					0.1	IY	4900	31	Saatbau Linz	
Atiron		HP			0.1	IY	5000	41	Huron Commodities Inc.	
Bellistar					0.1	IY	4600	na	Semican Inc.	
Rico R2X		SCN 1c	PI 88788	RR2X	0.1	LBR	6600	38	Prograin	
S01-D5		SCN 1c, 3a	PI 88788		0.1	IY	5300	na	Silverline	
Tiger E3		SCN 3a	PI 88788	E3	0.1	LBR	5700	na	Maizex	

Table 1. Soybean Variety Performance List and Descriptions















Variety	PBR	Notes	Phytophthora						
			SCN Source	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Root Rot % Plant Loss**	Distributor
Asahi					0.2	IY	5300	50	Synagri
Donaldo R2X		1c		RR2X	0.2	BL	5900	45	Prograin
Emilio E3		1a, 3a		E3	0.2	BF	6400	39	Prograin
Haltifo					0.2	Y	4600	45	Centre de Criblage MarcBercier
Kyoto					0.2	Y	4800	42	Synagri
Mason XF		SCN 1c	PI 88788	XF	0.2	BL	5200	na	SeCan
S02-M4XF		SCN 1c	PI 88788	XF	0.2	BL	6100	na	NK
AAC Shinju		1c			0.3	Y	9100	35	Huron Commodities Inc.
B036CE		SCN 1k	PI 88788	E3	0.3	BR	5500	33*	Brevant Seeds
Barracuda E3		1c		E3	0.3	BL	5400	na	Maizex
Cobra R2X		SCN 1c		RR2X	0.3	BR	5600	na	Maizex
DKB03-25		1c		RR2X	0.3	BR	5800	na	DEKALB
Enduro E3		1a, 3a		E3	0.3	IY	5200	25	Prograin
Kuma					0.3	IY	4800	na	Maizex
Panorama		1c, 6			0.3	Y	4900	39	Sevita International
PRO 03X74		1c		RR2X	0.3	BR	5900	49	Sevita International
PS 0322 EN		SCN 1c	PI 88788	E3	0.3	IBL	6200	40*	PRIDE Seeds
PS 0423EN		SCN	PI 88788	E3	0.3	BL	6400	na	PRIDE Seeds
S03-P4		SCN 1c, 3a	PI 88788		0.3	IY	4900	na	Silverline
S03-V5E3		SCN 1c	PI 88788	E3	0.3	IBL	6000	na	NK
SI 0323E3N		SCN	PI 88788	E3	0.3	IBL	6400	na	Sevita International
B043EE		1k		E3	0.4	BR	4700	na	Brevant Seeds
Katano					0.4	IY	4700	42*	Synagri
OAC Carson					0.4	IY	4600	39	SeCan
OAC Champion					0.4	IY	4900	50	Agrocentre Belcan
OAC Strive					0.4	IY	4600	30	SeCan
P04A98E		1c		E3	0.4	BR	4700	47*	Pioneer
PR23X2650		SCN	PI 88788	RR2X	0.4	BL	6400	na	Prograin
PS 0420 XRN		SCN	PI 88788	RR2X	0.4	BL	5300	46	PRIDE Seeds
S04-J6X		SCN 1c	PI 88788	RR2X	0.4	BL	6200	na	NK
S04-K9		SCN 1c	PI 88788		0.4	Y	4400	na	Silverline
Salto R2		1c, 3a		RR2Y	0.4	BR	6100	28	Prograin
Sharp E3		SCN 3a	PI 88788	E3	0.4	IBL	6600	na	SeCan
Utica					0.4	IY	4700	33	Sevita International
Aya		3a			0.5	Y	4400	34	Prograin
Hola		1c, 3a			0.5	IY	4600	42	Prograin
OAC Acclaim					0.5	IY	4600	32	Huron Commodities Inc.
PS 0521 XRN		SCN 1c	PI 88788	RR2X	0.5	IBL	5400	36*	PRIDE Seeds
Ramage XF		SCN 1c	PI 88788	XF	0.5	IY	5900	31	SeCan
Samson E3		1k		E3	0.5	LBR	6200	39	SeCan
Savage R2X		SCN 1c	PI 88788	RR2X	0.5	BL	6000	45*	SeCan
Stine 05EG62		SCN 1k	PI 88788	E3	0.5	IBL	5500	na	Stine Seeds
Altitude R2		3a		RR2Y	0.6	BR	5000	45	SeCan
Amino R2X		SCN 1c	PI 88788	RR2X	0.6	BL	5500	39	Prograin
Asana		1c			0.6	Y	4600	35	Prograin
Harvey E3				E3	0.6	LBR	5800	39	SeCan
Kristian					0.6	IY	4400	24	SG Ceresco, Inc.
Lion R2X		1c		RR2X	0.6	IY	5400	na	Maizex
Malart		1a			0.6	Y	5100	na	Semican Inc.
Marula		1c			0.6	Y	4500	34	Prograin
Nano R2X		SCN 3a	PI 88788	RR2X	0.6	BR	5600	25	Prograin
Navan		SCN 1c, 3a	PI 88788		0.6	Y	4500	26	Sevita International
OAC Evolution					0.6	IY	5000	36	Agrocentre Belcan

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Variety	PBR	Notes	SCN Source	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Phytophthora		Distributor
								Root Rot % Plant	Loss**	
OAC Kamran		SCN	PI 88788		0.6	IY	4900	36		SeCan
P06A38E		1c		E3	0.6	BR	4900	34*		Pioneer
S06-A3XF		SCN 1c, 3a	PI 88788	XF	0.6	GR	5100	na		NK
Seabrook R2X		1k		RR2X	0.6	BL	6000	36		SeCan
SI 0620XTN		SCN 1c	PI 88788	RR2X	0.6	BL	5800	40		Sevita International
Stine 06EG29		SCN	PI 88788	E3	0.6	IBL	6600	na		Stine Seeds
Torpedo E3		3a		E3	0.6	Y	5700	na		Maizex
Angelica					0.7	IY	4800	44		C&M Seeds
Atacama					0.7	IY	5100	48*		SG Ceresco, Inc.
Axis E3		1c		E3	0.7	LBR	5700	na		Horizon Seeds Canada
B074HE		1c		E3	0.7	BR	5000	33*		Brevant Seeds
DKB07-23		SCN 1c	PI 88788	RR2X	0.7	BL	6200	na		DEKALB
Dyno R2X		SCN 1c	PI 88788	RR2X	0.7	BR	5100	34*		Prograin
Elico E3		SCN		E3	0.7	Y	5600	37		Prograin
Kagawa					0.7	IY	4300	37		Synagri
PS 0779 XRN		SCN 1c	PI 88788	RR2X	0.7	BL	6100	35		PRIDE Seeds
S07-K5X		3a		RR2X	0.7	GR	5100	na		NK
Ajico		1c			0.8	IY	4700	na		Maizex
Canstar		1a, 6			0.8	Y	5200	na		Semican Inc.
DKB08-80		1c, 1k		RR2X	0.8	BL	5300	na		DEKALB
Enyo E3		SCN	PI 88788	E3	0.8	BF	5600	21		Prograin
Ezra		3a			0.8	Y	4700	36		Prograin
Miko R2		1c		RR2Y	0.8	BR	5200	41		Prograin
OAC Bruno		SCN	PI 88788		0.8	IY	5700	na		Huron Commodities Inc.
OAC Wallace					0.8	BR	5200	39		SeCan
Orr R2X		SCN 3a	PI 88788	RR2X	0.8	BR	5500	26		SeCan
P08A44E		SCN 1k	PI 88788	E3	0.8	BR	5200	na		Pioneer
Park E3				E3	0.8	LBR	6200	45		SeCan
Ridley XF		SCN 1c	PI 88788	XF	0.8	BL	5800	na		SeCan
S07-M8		1c			0.8	IY	4600	na		Silverline
SI 0720E3N		SCN 1a, 3a	PI 88788	E3	0.8	IBL	5400	26		Sevita International
Vertigo R2		SCN 1c	PI 88788	RR2Y	0.8	BL	5500	25		Prograin
Viper R2X		SCN 1c	PI 88788	RR2X	0.8	BL	5200	na		Maizex
Wilma		1c, 3a			0.8	Y	4800	26*		Prograin
AAC Kovik					0.9	Y	4600	41*		SG Ceresco, Inc.
Acuna		1c			0.9	IY	4400	48		Prograin
Beliveau R2X		SCN 1k, 3a	PI 88788	RR2X	0.9	BR	5100	24		SeCan
Finch		1c			0.9	Y	5100	23		Sevita International
Havane					0.9	Y	4700	35		SG Ceresco, Inc.
MONDO					0.9	Y	4600	na		SG Ceresco, Inc.
Pico R2X		SCN 1c	PI 88788	RR2X	0.9	BL	5900	36		Prograin
PS 0944 XRN		SCN 1c	PI 88788	RR2X	0.9	IBL	5200	34*		PRIDE Seeds
Reece R2X		SCN 1c	PI 88788	RR2X	0.9	BL	6000	33*		SeCan
S09-B5XF		SCN 1c, 3a	PI 88788	XF	0.9	GR	5000	na		NK
S09-H7E3		SCN 1k	PI 88788	E3	0.9	BF	5500	na		NK
SI 0921XTN		SCN	PI 88788	RR2X	0.9	BL	5900	46		Sevita International
Acora		1c			1.0	Y	4800	38		Prograin
B103EE		SCN 1k	PI 88788	E3	1.0	BF	5000	na		Brevant Seeds
Eagle E3		SCN 3a	Peking	E3	1.0	BL	6500	na		Maizex
Forto					1.0	IY	4200	22		SG Ceresco, Inc.
Genesis		1a			1.0	Y	4700	44		Sevita International
Matilda		1k			1.0	IY	4900	42		Sevita International
OAC Malory		SCN	PI 88788		1.0	Y	4900	23		SeCan

Table 1. Soybean Variety Performance List and Descriptions

Variety	PBR	Notes	SCN Source	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Phytophthora		Distributor
								Root Rot % Plant	Loss**	
Piranha R2X		3a		RR2X	1.0	BL	5100	na		Maizex
PS 1022 EN		SCN 1c, 3a	PI 88788	E3	1.0	BF	5200	26*		PRIDE Seeds
S10-R2		SCN	PI 88788		1.0	Y	5100	na		Silverline
S10-W8XF		SCN 1c	PI 88788	XF	1.0	IY	5700	na		NK
Saru		1c			1.0	IY	4800	na		Maizex
Stine 10EG20		SCN	PI 88788	E3	1.0	IBL	5200	na		Stine Seeds
B119KE		SCN	PI 88788	E3	1.1	IBL	5400	40*		Brevant Seeds
DKB11-51		SCN	PI 88788	RR2X	1.1	BL	5600	na		DEKALB
DKB11-84		SCN 3a	PI 88788	RR2X	1.1	BR	6100	na		DEKALB
Elliott R2X		SCN 1c	PI 88788	RR2X	1.1	BL	5100	na		SeCan
EXP1123XFN		SCN 1c	PI 88788	XF	1.1	BL	5600	na		PRIDE Seeds
Odessa					1.1	IY	4100	26		Sevita International
P11A10		SCN	PI 88788		1.1	Y	4800	48*		Pioneer
S11-A4E3		SCN 1k, 3a	PI 88788	E3	1.1	BF	5300	na		NK
S11-U2XF		SCN 3a	PI 88788	XF	1.1	BL	5000	na		NK
SI 1120E3N		SCN	PI 88788	E3	1.1	IBL	5000	28		Sevita International
Skyline		SCN 1c, 3a	PI 88788		1.1	Y	5200	27		Sevita International
Summit E3				E3	1.1	IBL	5900	38*		Horizon Seeds Canada
Taku					1.1	Y	5000	30		SG Ceresco, Inc.
Acardia					1.2	IY	5100	na		Saatbau Linz
Atena		1c, 3a			1.2	Y	4200	31		Prograin
Baltazar					1.2	IY	4600	19		Semican Inc.
Maris R2X		SCN 3a	PI 88788	RR2X	1.2	BR	5900	na		Maizex
Mya		SCN 1c	PI 88788		1.2	IY	4600	42		Prograin
P12T94E		SCN	PI 88788	E3	1.2	IBL	4900	39*		Pioneer
S12-J7		SCN 1c, 3a	PI 88788		1.2	Y	4400	na		Silverline
S12-M5X		SCN 1k, 3a	PI 88788	RR2X	1.2	BL	4900	na		NK
SI 1222E3N		SCN 1k	PI 88788	E3	1.2	IBL	4600	34*		Sevita International
Stine 12EB32		SCN 1c	PI 88788	E3	1.2	IBL	5000	na		Stine Seeds
Falcon E3		SCN 3a	Peking	E3	1.3	BR	6300	na		Maizex
OAC Elevation					1.3	IY	4400	60		Agrocentre Belcan
Rask E3		SCN 1c	PI 88788	E3	1.3	IBL	4600	28*		SeCan
S13-Y4XF		SCN 1c, 3a	PI 88788	XF	1.3	BR	5200	na		NK
SI 1323XFN		SCN 1c	PI 88788	XF	1.3	BR	5200	na		Sevita International
Zeta		SCN 1c	PI 88788		1.3	IY	5000	27		Prograin
Avalanche XF		SCN 1c, 3a	PI 88788	XF	1.4	BL	4800	na		Maizex
DKB14-65		SCN 1c, 3a	PI 88788	RR2X	1.4	BL	5400	na		DEKALB
DKB14-97		SCN 3a	PI 88788	RR2X	1.4	IBL	5600	na		DEKALB
Inwood		SCN	PI 88788		1.4	IY	4700	35		SeCan
Mercado XF		SCN 1c, 3a	PI 88788	XF	1.4	BR	5200	27*		Prograin
OAC Union		SCN	PI 88788		1.4	Y	4700	21		SeCan
P14A12E		SCN 1c	Peking	E3	1.4	BR	5600	na		Pioneer
PS 1421 EN		SCN	PI 88788	E3	1.4	BL	5400	41		PRIDE Seeds
S14-C7XF		SCN 1c	PI 88788	XF	1.4	BR	5600	na		NK
S14-W6E3		SCN 1c, 3a	Peking	E3	1.4	BF	5400	na		NK
SI 1422XTN		SCN 1c	PI 88788	RR2X	1.4	BL	5100	57*		Sevita International
Alinova		SCN	PI 88788		1.5	IY	4800	40*		Sevita International
B158DE		SCN 1k	PI 88788	E3	1.5	BR	6000	33*		Brevant Seeds
Cyclone R2X		SCN 1k, 3a	PI 88788	RR2X	1.5	BL	5200	na		Maizex
Haldi		SCN 1c, 3a	PI 88788		1.5	Y	4500	34*		Sevita International
PS 1520 XRN		SCN 1c	PI 88788	RR2X	1.5	BF	5700	31		PRIDE Seeds
Rondo R2X		SCN 1c, 3a	PI 88788	RR2X	1.5	BR	5300	21		Prograin
B163EE		SCN 1c	Peking	E3	1.6	BR	5600	na		Brevant Seeds

Table 1. Soybean Variety Performance List and Descriptions










Variety	PBR	Notes	SCN Source	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Phytophthora		Distributor
								Root Rot % Plant	Loss**	
CP1622X		SCN	Peking	RR2X	1.6	BL	5400	na		CROPLAN by WinField United
DKB16-64XF		SCN 1c	PI 88788	XF	1.6	IBL	5500	na		DEKALB
OAC Aberdeen		SCN	PI 88788		1.6	IY	4700	28		Huron Commodities Inc.
PR23XF2925		SCN	PI 88788	RR2X	1.6	BL	4700	na		Prograin
S14-H3		SCN	PI 88788		1.6	IY	4500	na		Hensall Co-op
S16-K2X		SCN 1k, 3a	PI 88788	RR2X	1.6	BL	5000	na		NK
Typhoon E3		SCN 1c, 3a	Peking	E3	1.6	IBL	5500	na		Maizex
B173EE		SCN 1k, 3a	PI 88788	E3	1.7	BR	4500	na		Brevant Seeds
Compass E3				E3	1.7	IBL	5400	na		Horizon Seeds Canada
Cougar E3		SCN 3a	PI 88788	E3	1.7	BF	5400	na		Maizex
Keith XF		SCN 3a	PI 88788	XF	1.7	BR	5200	23		SeCan
P17A87E		SCN 1k	PI 88788	E3	1.7	BL	5000	29*		Pioneer
PS 1721 EN		SCN 1c, 3a	PI 88788	E3	1.7	Y	5100	27		PRIDE Seeds
Ranger R2X		SCN 1c, 3a	PI 88788	RR2X	1.7	IBL	5600	na		SeCan
Savard E3		SCN 1k	PI 88788	E3	1.7	IBL	5200	35		SeCan
SI 1820XTN		SCN 3a	PI 88788	RR2X	1.7	BR	5600	22		Sevita International
B182ME		SCN 1k	Peking	E3	1.8	BL	5400	26*		Brevant Seeds
P18A73E		SCN 1k	Peking	E3	1.8	BL	5500	38*		Pioneer
S16-B8		SCN 1c, 3a	PI 88788		1.8	IY	4600	na		Silverline
S18-F1E3S		SCN 1k	Peking	E3	1.8	IBL	5500	na		NK
SI 1823E3N		SCN 1k	PI 88788	E3	1.8	IBL	5200	na		Sevita International
DKB19-80		SCN 1c	PI 88788	RR2X	1.9	BL	5800	na		DEKALB
HDC Blake					1.9	Y	4200	na		Hensall Co-op
Kraft E3		SCN 1k	PI 88788	E3	1.9	IBL	6000	na		SeCan
OAC Bruton		SCN	PI 88788		1.9	Y	4200	31		SeCan
P19A37E		SCN 1k, 3a	PI 88788	E3	1.9	BL	5300	na		Pioneer
PS 1923XFN		SCN 1c, 3a	PI 88788	XF	1.9	BL	5800	na		PRIDE Seeds
S19-Y5E3		SCN 1k	PI 88788	E3	1.9	BL	5400	na		NK
P20A48E		SCN 1k	PI 88788	E3	2.0	BR	6700	na		Pioneer
Panther XF		SCN 1c	PI 88788	XF	2.0	BL	5500	na		Maizex
Rowan		SCN 1c	PI 88788		2.0	IY	5100	32*		Sevita International
S20-L8X		SCN 1c	PI 88788	RR2X	2.0	BL	5300	na		NK
S20-W9		SCN 1c, 3a	PI 88788		2.0	Y	4400	na		Silverline
Stine 20EGO2		SCN 1a	PI 88788	E3	2.0	BL	5800	na		Stine Seeds
B213EE		SCN 1k, 3a	PI 88788	E3	2.1	BR	5100	na		Brevant Seeds
DKB21-30XF		SCN 1c	PI 88788	XF	2.1	BL	5600	na		DEKALB
OAC Kent					2.1	Y	4500	26		SeCan
PS 2120 EN		SCN 1k	PI 88788	E3	2.1	IBL	6300	27		PRIDE Seeds
S21-C6		SCN	PI 88788		2.1	Y	4100	na		Silverline
SI 2121XTN		SCN 1c	PI 88788	RR2X	2.1	IBL	5300	31		Sevita International
Masters XF		SCN 1c	PI 88788	XF	2.2	IBL	5500	44*		SeCan
OAC Marvel		SCN	PI 88788		2.2	Y	4500	30		Huron Commodities Inc.
Ocelot E3		SCN 1c	Peking	E3	2.2	IBL	5400	na		Maizex
P22A67E		SCN 1k, 3a	PI 88788	E3	2.2	BR	5900	na		Pioneer
S22-A2E3		SCN 1c	PI 88788	E3	2.2	IBL	5700	na		NK
S22-J4X		SCN 1c	PI 88788	RR2X	2.2	BL	5300	na		NK
AAC McRae		SCN	PI 88788		2.3	Y	4200	na		Hensall Co-op
DKB23-05		SCN 1c, 3a	PI 88788	RR2X	2.3	LBR	5200	na		DEKALB
DKB23-24		SCN 1c	PI 88788	RR2X	2.3	IBL	6000	na		DEKALB
PS 2322 XFN		SCN 1c	PI 88788	XF	2.3	IBL	5500	27*		PRIDE Seeds
SG 2311					2.3	Y	4900	32		Huron Commodities Inc.
Siena		SCN	PI 88788		2.3	Y	5500	26		Prograin
B243EE		SCN 1k	Peking	E3	2.4	BR	6200	na		Brevant Seeds



Table 1. Soybean Variety Performance List and Descriptions

Variety	PBR	Notes	SCN Source	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Phytophthora		Distributor
								Root Rot %	Plant Loss**	
Darby E3		SCN 1k	PI 88788	E3	2.4	IBL	6300	22*	SeCan	
Express R2X		SCN 1c, 1k	PI 88788	RR2X	2.4	BL	5700	26	SeCan	
P24A07E		SCN 1k	PI 88788	E3	2.4	BR	6100	na	Pioneer	
Tillson		SCN 1c	PI 88788		2.4	IY	5700	29	Sevita International	
AAC 26-15		SCN	PI 88788		2.5	Y	5000	27	Huron Commodities Inc.	
AAC Wigle		SCN	PI 88788		2.5	Y	4400	45	SeCan	
B253LE		SCN 1k	PI 88788	E3	2.5	BL	5100	23*	Brevant Seeds	
DF 155					2.5	Y	4700	na	AGRIS Co-operative Ltd.	
DKB25-17XF		SCN 1c	PI 88788	XF	2.5	IBL	5900	na	DEKALB	
PS 2521 XFN		SCN 1c	PI 88788	XF	2.5	BL	5500	25	PRIDE Seeds	
S25-G8E3		SCN 1c	PI 88788	E3	2.5	BF	6100	na	NK	
S25-K4XF		SCN	PI 88788	XF	2.5	BL	5800	na	NK	
Stine 25EG20		SCN 1c, 1k	PI 88788	E3	2.5	BL	5900	na	Stine Seeds	
OAC Stirling		SCN	PI 88788		2.6	Y	5100	23	Huron Commodities Inc.	
S26-E3		SCN 1k	Peking	E3	2.6	BF	7000	na	NK	
DKB27-55		SCN 1c	PI 88788	RR2X	2.7	IBL	5800	na	DEKALB	
Lawson R2X		SCN 1c, 3a	PI 88788	RR2X	2.7	IBL	5900	na	SeCan	
AAC Big Ben		SCN	PI 88788		2.8	Y	4800	na	Southwest Seeds	
B283EE		SCN 1k	PI 88788	E3	2.8	BL	5800	na	Brevant Seeds	
DKB28-76XF		SCN 1c, 1k	PI 88788	XF	2.8	IBL	6000	na	DEKALB	
P28A65E		SCN 1k	PI 88788	E3	2.8	BL	5400	26*	Pioneer	
PS 2923EN		SCN 1k	Peking	E3	2.8	BL	5600	na	PRIDE Seeds	
S28-B9E3S		SCN 1c	PI 88788	E3	2.8	IBL	5400	na	NK	
P29A19E		SCN 1k, 3a	PI 88788	E3	2.9	BL	5800	24*	Pioneer	
S29-N5E3		SCN 1c 3a	PI 88788	E3	2.9	IBL	5400	na	NK	
S29-R5X		SCN 1k	PI 88788	RR2X	2.9	BR	6100	na	NK	
Stine 29EF02		SCN	PI 88788	E3	2.9	IBL	5900	na	Stine Seeds	
P30A75E		SCN	PI 88788	E3	3.0	BR	5400	na	Pioneer	
PS 3022XFN		SCN 1c	PI 88788	XF	3.0	BL	5500	na	PRIDE Seeds	
Stine 31EF02		SCN	PI 88788	E3	3.1	BL	5400	na	Stine Seeds	
S32-J5XF		SCN 1c	PI 88788	XF	3.2	BL	5600	na	NK	
P33A62E		SCN 1c	PI 88788	E3	3.3	BR	5800	na	Pioneer	

NOTES:

1a, 1c, etc. - Phytoph. resist. genes
 HP - High Protein
 SCN - SCN Resistant
 L-LA - Low-Linolenic Acid

Plant Breeders' Rights

 PBR 78
 PBR 91 or
 PBR 91 pending
See pbrfacts.ca

Herbicide Reaction

RR2Y - Roundup Ready 2 Yield
 RR2X - Roundup Ready 2 Xtend
 XF - XtendFlex
 E3 - Enlist E3
 LL - Liberty Link
 MS - Metribuzin Sensitive

†Relative Maturity - ranking of maturity provided by seed sponsors.

**Phytophthora % Plant Loss - * only 2 year data available. New calculation method used, see note.

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TABLE 2a.1 AGRONOMIC DATA AT MATURITY GROUP 00 (2100-2300 HU) AREAS , RR TEST 2023

Variety	Days to Mature		NEW LISKEARD Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year		
S0007-S1X	103	105	85	85	48	1.0
Fresco R2X	109	106	86	88	55	1.0
S001-D8X	112	109	94	90	62	1.0
PS 0011 XRN	114	112	105	97	59	1.0
S003-R5X	114	112	97	98	55	1.0
Hart R2X	116	114	102	105	62	1.0
S007-A2XS	119	115	113	111	73	1.0
DKB002-32	118	116	104	104	66	1.0
S008-N2	119	116	94	100	67	1.0
Merino R2X	117	116	103	102	69	1.0
S007-Z1X	117	116	106	101	67	1.0
DKB001-07	118	116	98	95	71	1.0
Kudo R2X	120	117	101	102	70	1.3
Bourke R2X	120	117	107	105	70	1.1
DKB006-80	120	117	110	111	66	1.0
Elmo E3	126	126	108	107	75	1.0
Varieties with one year of data						
S0009-J5X	109	--	96	--	--	--
DKB0005-03	112	--	102	--	--	--
Wolf R2X	113	--	93	--	--	--
Young R2X	113	--	102	--	--	--
PR229001Z	115	--	86	--	--	--
Bomber R2X	115	--	100	--	--	--
Castor R2X	118	--	100	--	--	--
Badger R2X	121	--	108	--	--	--
LSD (0.10)			5	5		
Average yield (T/ha)			4.50	4.36		
(bu/ac)			66.7	64.7		

TABLE 2a.2 AGRONOMIC DATA AT MATURITY GROUP 00 (2100-2300 HU) AREAS , CONVENTIONAL TEST 2023

Variety	Days to Mature		NEW LISKEARD Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year		
Siberia	112	110	105	103	68	1.0
Liska	115	113	94	95	65	1.0
ABACA	115	113	103	101	63	1.0
Maya	121	117	98	100	68	1.0
Koa	120	118	102	101	64	1.0
Varieties with one year of data						
Prostar	116	--	85	--	--	--
Nala	120	--	106	--	--	--
Mozart	123	--	106	--	--	--
LSD (0.10)			6	5		
Average yield (T/ha)			4.36	4.20		
(bu/ac)			64.7	62.3		

Testing Locations: Table 2a			
New Liskeard	--	2022	2023

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TABLE 2.1 AGRONOMIC DATA AT MATURITY GROUP 00 (2300-2500 HU) AREAS , RR TEST 2023

Variety	Days to Mature		AVERAGE Yield Index			BELWOOD Yield Index		DUNDALK Yield Index		ELORA Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year		
Merino R2X	117	113	92	88	87	91	85	84	88	91	89	71	1.6
S007-Z1X	116	113	103	97	94	91	84	97	99	104	99	69	1.4
Kudo R2X	119	115	95	97	94	102	99	97	90	91	94	70	1.7
DKB006-80	119	115	100	96	95	96	94	100	99	92	93	75	1.6
PS 0072 XR	118	115	100	96	--	94	--	96	--	99	--	76	1.5
S008-N2	120	116	99	99	97	103	95	97	100	96	95	73	1.8
PS 0098 XR	120	116	107	99	97	98	97	103	100	96	94	68	1.5
S02-M4XF	119	116	100	100	101	91	96	103	103	107	105	70	1.0
Triquet R2X	120	117	99	96	100	96	101	96	97	95	103	74	1.5
Rico R2X	120	117	95	98	96	98	95	95	92	101	100	67	1.2
Bronco R2X	121	117	99	95	101	90	100	103	105	91	99	69	1.0
PRO 03X74	121	117	101	100	106	98	106	102	105	101	106	72	1.2
Verso R2X	122	119	101	101	100	100	96	99	103	103	101	79	1.8
Donaldo R2X	123	119	93	91	96	84	91	89	94	101	103	69	1.0
Elmo E3	122	120	90	93	95	95	98	93	93	90	95	72	1.2
DKB03-25	123	121	113	114	116	117	121	113	110	113	116	78	1.5
Salto R2	124	122	104	107	108	111	113	107	109	104	102	66	1.3
Emilio E3	124	122	98	101	104	103	110	98	101	101	100	71	1.3
Amino R2X	124	122	105	102	--	98	--	94	--	113	--	65	1.0
S03-V5E3	125	123	100	107	--	108	--	108	--	104	--	67	1.4
Enduro E3	126	123	112	111	--	118	--	118	--	97	--	77	1.2
S04-J6X	125	123	106	111	113	115	120	106	111	111	107	75	1.2
Varieties with one year of data													
P002A42E	114	--	86	--	--	--	--	--	--	--	--	--	--
P005A59E	116	--	95	--	--	--	--	--	--	--	--	--	--
S007-A2XS	117	--	105	--	--	--	--	--	--	--	--	--	--
B0073EE	117	--	99	--	--	--	--	--	--	--	--	--	--
P007A68E	118	--	103	--	--	--	--	--	--	--	--	--	--
SI 00723XFN	121	--	101	--	--	--	--	--	--	--	--	--	--
PR23X2650	124	--	100	--	--	--	--	--	--	--	--	--	--
Tiger E3	125	--	99	--	--	--	--	--	--	--	--	--	--
LSD (0.10)			4	5	4	8	6	8	8	8	9		
Average yield (T/ha)			3.49	3.26	3.25	3.27	3.26	3.37	3.16	3.12	3.33		
(bu/ac)			51.8	48.3	48.2	48.6	48.3	50.0	46.9	46.3	49.3		

Testing Locations: Table 2.1				
Belwood	2021	2022	2023	
Dundalk	2021	2022	2023	
Elora	2021	2022	2023	

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TABLE 2.2 AGRONOMIC DATA AT MATURITY GROUP 00 (2300-2500 HU) AREAS , CONVENTIONAL TEST 2023

Variety	Days to Mature		AVERAGE Yield Index		BELWOOD Yield Index	DUNDALK Yield Index	ELORA Yield Index	Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	2 year	2 year	2 year		
JAGO	122	119	105	101	101	98	105	71	1.3
Atiron	123	121	91	94	94	96	90	75	1.2
Panorama	126	123	106	105	104	105	104	63	1.3
Utica	128	125	99	101	101	101	101	76	1.1
Varieties with one year of data									
Prostar	117	--	91	--	--	--	--	--	--
Nala	120	--	109	--	--	--	--	--	--
Koa	120	--	102	--	--	--	--	--	--
Mozart	122	--	103	--	--	--	--	--	--
Hana	122	--	100	--	--	--	--	--	--
Maya	122	--	94	--	--	--	--	--	--
Bellistar	124	--	101	--	--	--	--	--	--
LSD (0.10)			5	5	10	8	7		
Average yield (T/ha)			3.24	3.11	3.28	3.07	2.96		
(bu/ac)			48.1	46.1	48.7	45.6	43.9		

Testing Locations: Table 2.2			
Belwood	--	2022	2023
Dundalk	--	2022	2023
Elora	--	2022	2023

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TABLE 3.1 AGRONOMIC DATA AT MATURITY GROUP 0 (2500-2800 HU) AREAS , RR TEST 2023

Variety	Days to Mature		AVERAGE Yield Index			ELORA Yield Index		OTTAWA Yield Index		PORT HOPE Yield Index	WALTON Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	2 year	3 year		
S02-M4XF	112	111	92	91	92	96	94	94	97	90	85	86	78	1.6
Cobra R2X	116	115	97	96	97	101	100	89	94	103	95	94	79	1.8
B036CE	116	115	96	94	--	100	--	88	--	--	93	--	71	1.4
S03-V5E3	117	116	94	94	--	90	--	95	--	--	96	--	76	1.5
PS 0322 EN	116	116	90	91	--	92	--	94	--	--	89	--	71	1.3
S04-J6X	117	117	98	98	98	95	92	101	100	101	97	100	82	1.5
PS 0521 XRN	118	117	101	101	101	104	105	100	100	101	101	98	81	1.5
PS 0420 XRN	118	118	97	95	97	91	94	98	98	96	94	97	75	1.2
S07-K5X	118	118	104	100	99	103	99	97	97	101	98	99	84	1.5
P04A98E	117	118	106	100	--	99	--	103	--	--	98	--	68	1.2
SI 0620XTN	119	118	98	97	100	101	104	96	99	100	94	98	83	1.5
Savage R2X	119	118	97	96	--	99	--	91	--	--	101	--	94	2.1
Enduro E3	119	119	100	96	96	91	93	94	96	99	98	95	84	1.8
Ramage XF	120	119	97	96	96	98	100	88	89	101	97	97	82	1.9
Nano R2X	119	119	104	102	102	104	105	99	99	101	105	102	85	1.6
P06A38E	118	119	100	99	--	98	--	107	--	--	95	--	73	1.4
Lion R2X	119	119	100	101	--	103	--	101	--	--	100	--	73	1.4
Harvey E3	120	119	103	99	97	97	97	101	99	92	99	99	76	1.4
Miko R2	120	119	106	105	105	107	104	103	104	111	104	103	87	1.9
S06-A3XF	119	120	99	97	--	92	--	102	--	--	96	--	77	1.3
Amino R2X	121	120	103	99	100	102	98	94	98	103	99	102	77	1.2
Altitude R2	120	120	104	99	99	97	97	103	105	103	96	94	74	1.4
Elico E3	120	120	105	102	98	105	98	97	96	93	105	103	76	1.2
Seabrook R2X	121	120	102	102	102	104	106	100	102	102	101	100	99	2.0
Samson E3	120	120	96	97	97	97	99	101	102	93	91	93	80	1.3
PS 0779 XRN	121	120	110	107	103	110	102	108	106	100	104	102	84	1.7
SI 0921XTN	120	121	102	100	100	103	104	99	98	100	98	99	82	1.3
Vertigo R2	120	121	103	101	101	98	96	105	104	102	100	102	81	1.6
S09-B5XF	121	121	103	103	--	103	--	103	--	--	103	--	79	1.6
B074HE	120	121	105	102	--	101	--	105	--	--	102	--	81	1.5
DKB08-80	121	121	105	103	--	104	--	102	--	--	103	--	86	1.5
S10-W8XF	121	121	97	99	99	101	104	97	96	96	102	101	83	1.6
S12-M5X	120	121	112	109	108	108	108	112	111	108	107	107	71	1.4
Viper R2X	121	121	109	107	108	109	110	108	105	107	105	109	74	1.6
Park E3	121	122	96	95	97	96	99	93	95	99	96	98	85	1.4
SI 0720E3N	122	122	94	93	94	89	89	94	95	102	90	93	75	1.5
PS 0944 XRN	122	122	114	111	--	113	--	106	--	--	114	--	86	1.6
Axis E3	122	122	107	101	99	107	102	99	99	95	101	99	78	1.6
Orr R2X	121	122	103	105	104	102	104	104	103	99	109	107	86	1.3
DKB11-84	122	122	103	105	105	99	102	108	107	100	108	109	81	1.4
S09-H7E3	122	123	93	98	--	91	--	104	--	--	100	--	73	1.4
Beliveau R2X	122	123	106	107	105	103	103	113	111	97	105	106	79	1.4
Dyno R2X	123	123	108	108	--	108	--	105	--	--	111	--	90	1.6
Enyo E3	123	123	99	100	101	91	93	97	97	103	109	109	80	1.6
Reece R2X	123	124	99	101	--	98	--	104	--	--	103	--	86	1.5
Varieties with one year of data														
PR23X2650	116	--	95	--	--	--	--	--	--	--	--	--	--	--
Emilio E3	116	--	91	--	--	--	--	--	--	--	--	--	--	--
Tiger E3	117	--	96	--	--	--	--	--	--	--	--	--	--	--
B043EE	118	--	108	--	--	--	--	--	--	--	--	--	--	--
Barracuda E3	118	--	96	--	--	--	--	--	--	--	--	--	--	--
Stine 06EG29	118	--	98	--	--	--	--	--	--	--	--	--	--	--
DKB07-23	118	--	103	--	--	--	--	--	--	--	--	--	--	--
Sharp E3	119	--	81	--	--	--	--	--	--	--	--	--	--	--
SI 0323E3N	119	--	91	--	--	--	--	--	--	--	--	--	--	--
Pico R2X	119	--	104	--	--	--	--	--	--	--	--	--	--	--
Eagle E3	120	--	95	--	--	--	--	--	--	--	--	--	--	--
P08A44E	120	--	98	--	--	--	--	--	--	--	--	--	--	--
PS 0423EN	120	--	92	--	--	--	--	--	--	--	--	--	--	--
Torpedo E3	120	--	92	--	--	--	--	--	--	--	--	--	--	--
Stine 05EG62	120	--	92	--	--	--	--	--	--	--	--	--	--	--
Ridley XF	120	--	99	--	--	--	--	--	--	--	--	--	--	--
Mason XF	122	--	101	--	--	--	--	--	--	--	--	--	--	--
Piranha R2X	122	--	109	--	--	--	--	--	--	--	--	--	--	--
S11-A4E3	123	--	98	--	--	--	--	--	--	--	--	--	--	--
S11-U2XF	123	--	106	--	--	--	--	--	--	--	--	--	--	--
LSD (0.10)			5	3	4	5	6	6	5	7	7	9		
Average yield (T/ha)			4.22	4.16	4.16	3.51	3.86	4.64	4.20	3.78	4.49	4.66		
(bu/ac)			62.6	61.7	61.7	52.0	57.3	68.9	62.3	56.0	66.6	69.2		

Elora	2021	2022	2023
Ottawa	2021	2022	2023
Port Hope	2021	--	2023
Walton	2021	2022	2023

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TABLE 3.2 AGRONOMIC DATA AT MATURITY GROUP 0 (2500-2800 HU) AREAS , CONVENTIONAL TEST 2023

Variety	Days to Mature		AVERAGE Yield Index			ELORA Yield Index		OTTAWA Yield Index		PORT HOPE Yield Index	WALTON Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	2 year	3 year		
RICHMOND	115	113	77	78	80	76	80	83	82	75	78	82	76	1.6
Aurelina	115	113	92	93	93	98	96	89	90	98	94	92	83	1.9
Nala	115	113	90	93	--	94	--	94	--	--	89	--	90	1.9
Asahi	116	114	99	94	95	88	90	95	96	99	94	95	83	1.7
OAC Carson	116	115	94	93	92	96	93	90	91	96	90	91	75	1.8
Hana	116	115	95	93	--	91	--	100	--	--	91	--	74	1.4
Haltifo	117	115	96	92	96	91	96	97	101	99	85	90	77	1.6
S03-P4	117	115	87	91	90	94	88	84	87	94	95	92	88	2.1
Atiron	117	115	90	89	89	89	89	87	90	92	90	87	82	1.6
AAC Shinju	117	116	81	83	82	87	81	80	82	80	82	84	88	2.2
Apollina	118	116	96	96	98	93	97	99	101	96	95	98	83	1.7
Kuma	118	116	101	102	--	110	--	98	--	--	103	--	91	2.0
Panorama	118	116	95	95	95	96	97	95	95	97	94	92	69	1.6
S04-K9	118	116	100	101	101	102	100	99	100	106	100	101	79	1.7
OAC Champion	119	117	95	94	96	93	92	97	99	101	89	94	86	1.9
OAC Strive	118	117	97	99	100	104	102	88	91	101	105	104	85	1.8
OAC Kamran	118	118	94	95	98	97	98	93	94	97	97	101	71	1.5
Kyoto	119	118	101	99	101	98	100	103	104	104	92	96	79	1.5
S10-R2	120	118	102	102	101	101	98	103	104	103	102	99	88	1.9
Atacama	120	119	100	102	99	101	105	100	100	102	101	91	76	1.7
Utica	120	119	93	94	95	95	96	95	96	89	95	97	82	1.5
Marula	120	119	97	98	100	93	96	98	99	99	102	104	93	1.6
S07-M8	120	119	103	104	103	101	99	105	104	101	105	106	82	1.6
Hola	119	120	104	99	102	99	105	106	107	102	92	97	82	1.4
OAC Acclaim	121	120	99	101	101	101	103	101	101	92	104	105	73	1.7
Katano	122	120	98	95	--	100	--	91	--	--	92	--	77	1.5
Asana	120	120	94	98	99	102	101	97	96	95	101	103	83	1.7
OAC Wallace	121	120	108	108	108	103	105	114	111	107	106	108	83	1.7
Aya	122	120	104	103	101	101	101	103	102	98	106	101	82	1.6
OAC Evolution	121	121	110	109	109	104	107	110	111	110	109	109	87	1.4
Ezra	122	121	106	104	107	105	109	101	104	105	106	108	90	1.6
Navan	121	121	104	104	106	103	105	107	106	110	103	105	87	1.5
AAC Kovik	122	121	103	100	98	103	103	102	102	100	96	90	82	1.8
Ajico	122	121	107	106	106	109	111	103	102	100	107	111	82	1.4
Finch	122	121	102	104	106	103	107	107	107	105	104	105	90	1.5
Kristian	122	121	104	104	105	105	107	101	102	103	108	107	86	1.5
Acuna	122	122	104	106	108	107	114	105	106	105	106	106	93	1.7
Saru	123	122	117	114	--	115	--	112	--	--	116	--	91	1.5
Angelica	125	122	109	110	108	113	112	109	106	110	111	105	95	1.9
Acora	122	123	107	108	107	105	102	105	105	104	116	115	95	1.6
Matilda	123	123	113	113	111	110	109	112	112	112	116	112	85	1.6
Genesis	123	123	102	105	103	103	102	104	103	103	109	104	88	1.9
Kagawa	123	123	96	99	100	104	101	100	101	95	99	101	87	1.5
OAC Elevation	123	124	101	101	102	97	98	103	104	101	101	104	92	1.6
Wilma	125	124	113	114	--	108	--	122	--	--	112	--	89	1.8
Skyline	126	125	99	101	99	104	97	98	97	106	103	99	89	1.8
Atena	125	125	112	109	109	109	107	112	110	106	109	110	83	1.5
Varieties with one year of data														
S01-D5	115	--	91	--	--	--	--	--	--	--	--	--	--	--
Acardia	116	--	102	--	--	--	--	--	--	--	--	--	--	--
Havane	121	--	100	--	--	--	--	--	--	--	--	--	--	--
Malart	121	--	103	--	--	--	--	--	--	--	--	--	--	--
OAC Bruno	122	--	99	--	--	--	--	--	--	--	--	--	--	--
Odessa	124	--	109	--	--	--	--	--	--	--	--	--	--	--
Canstar	125	--	111	--	--	--	--	--	--	--	--	--	--	--
MONDO	125	--	92	--	--	--	--	--	--	--	--	--	--	--
Mya	126	--	102	--	--	--	--	--	--	--	--	--	--	--
LSD (0.10)			5	4	3	7	6	7	6	7	6	8		
Average yield (T/ha)			3.68	3.61	3.62	2.88	3.16	4.09	3.72	3.69	3.73	3.95		
(bu/ac)			54.6	53.5	53.8	42.7	46.9	60.6	55.2	54.8	55.3	58.6		

Testing Locations: Table 3.2				
Elora	2021	2022	2023	
Ottawa	2021	2022	2023	
Port Hope	2021	--	2023	
Walton	2021	2022	2023	

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TABLE 4.1 AGRONOMIC DATA AT MATURITY GROUP 1 (2700-2900 HU) AREAS , RR TEST 2023

Variety	Days to Mature		AVERAGE Yield Index			EXETER Yield Index		ST. MARYS Yield Index		WINCHESTER Yield Index		WOODSTOCK Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat	
	1 year	2 year	1 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year			
Miko R2	126	122	95	94	92	94	94	93	91	97	96	90	85	86	1.5	
Pico R2X	127	122	94	95	93	94	95	92	91	97	94	95	89	77	1.1	
S09-H7E3	126	122	88	92	--	93	--	91	--	96	--	85	--	72	1.2	
Maris R2X	127	122	107	101	99	96	95	106	104	102	100	100	98	84	1.3	
S10-W8XF	128	123	93	95	95	97	97	87	90	99	99	94	95	82	1.2	
Enyo E3	128	124	96	96	96	95	98	91	91	98	97	98	98	79	1.2	
S12-M5X	129	124	103	99	100	98	99	100	100	100	103	95	96	69	1.2	
Dyno R2X	127	124	101	100	--	95	--	100	--	103	--	105	--	86	1.2	
PS 1022 EN	129	124	100	97	--	100	--	90	--	99	--	96	--	80	1.3	
Rondo R2X	129	125	99	98	99	98	98	99	100	95	97	99	100	87	1.3	
SI 1120E3N	130	125	103	100	100	104	104	103	104	95	96	99	97	70	1.1	
S13-Y4XF	128	125	103	102	--	100	--	102	--	105	--	102	--	84	1.2	
Summit E3	128	126	98	96	--	103	--	95	--	90	--	97	--	76	1.1	
DKB11-51	130	126	107	103	100	99	96	108	104	106	100	98	101	87	1.2	
B119KE	129	126	95	94	--	100	--	88	--	92	--	96	--	72	1.1	
PS 1520 XRN	130	127	97	100	102	96	99	100	101	105	105	100	104	84	1.1	
P12T94E	130	127	95	94	96	99	98	88	90	93	97	98	100	76	1.1	
S14-W6E3	131	127	95	97	97	102	103	93	93	98	96	95	97	76	1.2	
SI 1222E3N	131	127	105	103	--	100	--	106	--	102	--	102	--	78	1.2	
Compass E3	131	128	104	101	100	107	102	100	102	99	99	98	96	75	1.2	
Avalanche XF	132	128	101	102	--	103	--	95	--	112	--	94	--	84	1.2	
S14-C7XF	131	128	102	103	104	101	101	100	101	105	106	105	111	91	1.2	
DKB14-97	131	128	102	101	--	96	--	108	--	106	--	93	--	89	1.1	
S16-K2X	130	128	95	98	100	97	100	103	100	99	100	93	99	83	1.2	
PS 1421 EN	131	128	99	101	102	99	101	98	96	103	103	103	108	91	1.2	
Mercado XF	132	128	104	103	--	102	--	102	--	106	--	99	--	89	1.3	
CP1622X	134	128	105	94	--	95	--	92	--	92	--	97	--	86	1.3	
B158DE	133	129	97	98	--	102	--	87	--	101	--	102	--	78	1.2	
DKB14-65	134	129	112	106	104	104	103	112	109	104	105	106	100	86	1.3	
Cyclone R2X	132	129	106	104	104	103	101	101	104	112	110	99	100	83	1.2	
Keith XF	132	129	109	106	104	103	101	108	106	106	106	107	105	90	1.2	
SI 1422XTN	133	129	107	108	--	102	--	112	--	112	--	105	--	86	1.2	
DKB16-64XF	133	130	107	103	--	97	--	115	--	97	--	106	--	91	1.3	
SI 1820XTN	135	130	109	104	106	102	103	110	110	101	105	104	109	88	1.3	
Rask E3	134	131	107	105	--	102	--	108	--	100	--	112	--	85	1.2	
Cougar E3	135	131	99	101	102	104	104	102	102	99	98	97	104	78	1.5	
P17A87E	134	131	106	103	--	102	--	109	--	99	--	103	--	84	1.1	
B182ME	134	131	102	101	--	99	--	102	--	100	--	107	--	86	1.1	
PS 1721 EN	135	131	102	98	100	99	100	99	104	95	96	100	103	84	1.1	
P18A73E	134	131	103	101	--	105	--	97	--	96	--	107	--	80	1.1	
Savard E3	135	131	104	101	102	105	106	104	104	96	97	101	101	81	1.2	
Panther XF	138	133	103	101	101	103	102	103	103	93	95	109	107	93	1.6	
Ocelot E3	140	135	104	102	--	107	--	103	--	93	--	107	--	91	1.6	
Varieties with one year of data																
PR23XF2925	119	--	70	--	--	--	--	--	--	--	--	--	--	--	--	
S09-B5XF	127	--	92	--	--	--	--	--	--	--	--	--	--	--	--	
Elico E3	127	--	94	--	--	--	--	--	--	--	--	--	--	--	--	
Elliott R2X	127	--	98	--	--	--	--	--	--	--	--	--	--	--	--	
Falcon E3	127	--	88	--	--	--	--	--	--	--	--	--	--	--	--	
Stine 10EG20	128	--	101	--	--	--	--	--	--	--	--	--	--	--	--	
B103EE	128	--	97	--	--	--	--	--	--	--	--	--	--	--	--	
S11-U2XF	128	--	103	--	--	--	--	--	--	--	--	--	--	--	--	
B163EE	130	--	98	--	--	--	--	--	--	--	--	--	--	--	--	
S11-A4E3	130	--	99	--	--	--	--	--	--	--	--	--	--	--	--	
EXP1123XFN	130	--	100	--	--	--	--	--	--	--	--	--	--	--	--	
P14A12E	131	--	90	--	--	--	--	--	--	--	--	--	--	--	--	
Typhoon E3	132	--	99	--	--	--	--	--	--	--	--	--	--	--	--	
Stine 12EB32	132	--	96	--	--	--	--	--	--	--	--	--	--	--	--	
SI 1323XFN	133	--	96	--	--	--	--	--	--	--	--	--	--	--	--	
S18-F1E3S	134	--	101	--	--	--	--	--	--	--	--	--	--	--	--	
P19A37E	134	--	105	--	--	--	--	--	--	--	--	--	--	--	--	
B173EE	135	--	108	--	--	--	--	--	--	--	--	--	--	--	--	
SI 1823E3N	136	--	100	--	--	--	--	--	--	--	--	--	--	--	--	
LSD (0.10)			4	3	3	8	7	7	6	5	4	7	6			
Average yield (T/ha)			4.81	4.53	4.43	5.20	5.03	4.07	4.07	5.35	5.07	3.52	3.56			
(bu/ac)			71.3	67.3	65.7	77.1	74.6	60.4	60.4	79.4	75.2	52.2	52.8			

Testing Locations: Table 4.1			
Exeter	2021	2022	2023
St. Marys	2021	2022	2023
Winchester	2021	2022	2023
Woodstock	2021	2022	2023

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TABLE 4.2 AGRONOMIC DATA AT MATURITY GROUP 1 (2700-2900 HU) AREAS , CONVENTIONAL TEST 2023

Variety	Days to Mature		AVERAGE Yield Index			EXETER Yield Index		ST. MARYS Yield Index		WINCHESTER Yield Index		WOODSTOCK Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year		
S10-R2	122	119	94	95	95	95	99	93	89	93	92	101	103	84	1.5
Marula	123	120	91	89	90	88	89	87	90	95	93	85	86	85	1.0
Ezra	124	121	94	93	98	96	99	92	97	93	98	89	97	83	1.1
Finch	123	121	94	95	96	91	93	94	97	96	95	102	100	83	1.1
Matilda	125	122	106	104	--	106	--	98	--	107	--	101	--	79	1.1
Acora	126	122	99	96	95	96	96	95	97	95	96	98	92	89	1.2
Kagawa	124	122	94	93	92	90	87	98	98	96	96	83	84	84	1.1
Odessa	126	123	96	97	98	99	102	97	100	100	99	90	90	78	1.1
Skyline	127	124	91	93	94	93	94	91	94	96	96	92	92	81	1.2
S12-J7	126	124	98	99	101	101	104	99	100	93	95	105	108	76	1.2
Atena	127	124	98	97	98	97	100	101	101	99	100	88	86	74	1.1
Wilma	128	124	105	105	--	104	--	111	--	106	--	98	--	85	1.2
P11A10	128	125	103	101	103	106	107	103	101	92	100	105	104	90	1.3
OAC Malory	128	125	97	98	96	100	98	95	92	100	97	98	97	80	1.6
S14-H3	129	125	102	100	100	104	103	100	99	98	98	95	99	75	1.1
Mya	128	125	100	99	101	97	103	95	95	102	102	105	107	93	1.3
Baltazar	131	126	104	99	99	95	94	103	102	108	109	84	87	85	1.2
OAC Union	130	127	103	104	107	103	106	104	105	110	111	95	105	77	1.2
Zeta	130	128	110	109	110	108	110	109	109	108	108	115	116	81	1.2
OAC Aberdeen	131	128	109	107	108	113	110	107	109	97	99	118	120	76	1.1
Taku	133	128	107	109	109	104	105	117	114	107	106	112	112	92	1.6
Alinova	132	129	116	111	--	112	--	104	--	110	--	120	--	83	1.2
Haldi	132	129	95	98	--	101	--	96	--	94	--	104	--	78	1.2
Forto	134	129	99	98	98	97	97	98	95	102	101	94	96	96	1.4
HDC Blake	133	131	100	96	97	97	96	101	102	92	98	95	91	90	1.4
Rowan	135	131	114	113	114	106	109	112	114	111	111	130	129	90	1.3
Varieties with one year of data															
Inwood	127	--	91	--	--	--	--	--	--	--	--	--	--	--	--
S16-B8	129	--	94	--	--	--	--	--	--	--	--	--	--	--	--
S20-W9	132	--	99	--	--	--	--	--	--	--	--	--	--	--	--
LSD (0.10)			4	4	3	9	9	6	5	6	5	7	7		
Average yield (T/ha)			4.09	3.72	3.72	4.35	4.38	3.54	3.57	4.51	4.34	2.49	2.57		
(bu/ac)			60.6	55.2	55.1	64.5	65.0	52.4	52.9	66.8	64.4	37.0	38.2		

Testing Locations: Table 4.2			
Exeter	2021	2022	2023
St. Marys	2021	2022	2023
Winchester	2021	2022	2023
Woodstock	2021	2022	2023

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TABLE 5.1 AGRONOMIC DATA AT EARLY MATURITY GROUP 2 (2900-3300 HU) AREAS , RR TEST 2023

Variety	Days to Mature		CLAY AVG Yield Index		INWOOD Yield Index	PALMYRA Yield Index		LOAM AVG Yield Index		FINGAL Yield Index	RIDGETOWN Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	2 year	2 year	3 year	1 year	2 year	2 year	2 year	3 year		
Summit E3	122	119	89	88	--	86	--	89	90	--	91	--	78	1.1
Compass E3	124	122	92	92	78	101	98	106	99	83	98	99	75	1.4
Ranger R2X	127	123	98	94	110	88	93	98	96	105	95	97	86	1.9
SI 2121XTN	126	124	101	96	113	92	93	101	101	103	99	98	91	1.7
S18-F1E3S	127	124	98	94	--	96	--	103	102	--	101	--	82	1.4
PS 2120 EN	127	125	91	93	77	100	94	100	103	105	104	103	85	1.4
DKB21-30XF	129	126	101	102	106	102	105	102	99	100	97	98	89	1.8
DKB19-80	128	126	101	103	118	97	99	99	102	106	103	100	95	2.2
Masters XF	128	126	95	97	--	99	--	104	102	--	101	--	89	1.9
DKB23-05	129	127	103	105	--	102	--	98	99	--	99	--	90	1.5
S20-L8X	129	127	97	101	92	105	107	87	91	95	90	89	85	2.1
Express R2X	129	127	108	107	117	103	104	104	103	102	101	102	95	2.1
DKB23-24	130	127	111	109	--	105	--	100	103	--	102	--	94	1.5
DKB25-17XF	130	129	92	97	95	99	100	99	104	97	108	109	89	1.5
S22-J4X	131	129	102	99	91	102	104	100	101	102	102	102	89	1.5
S22-A2E3	129	129	111	107	--	102	--	102	102	--	102	--	84	1.4
PS 2322 XFN	131	130	102	105	--	103	--	98	101	--	101	--	93	1.8
S25-G8E3	131	131	97	98	--	97	--	100	101	--	103	--	89	1.3
S26-E3	131	131	91	96	--	100	--	98	101	--	100	--	91	1.5
PS 2521 XFN	133	132	102	103	102	105	104	96	100	102	102	103	90	1.7
DKB27-55	134	133	115	116	--	112	--	99	98	--	98	--	99	2.0
B253LE	134	134	96	100	--	103	--	103	103	--	104	--	89	1.2
Varieties with one year of data														
PS 1923XFN	128	--	103	--	--	--	--	103	--	--	--	--	--	--
P20A48E	129	--	99	--	--	--	--	94	--	--	--	--	--	--
Kraft E3	129	--	96	--	--	--	--	99	--	--	--	--	--	--
B213EE	129	--	111	--	--	--	--	102	--	--	--	--	--	--
S19-Y5E3	130	--	102	--	--	--	--	108	--	--	--	--	--	--
Stine 20EG02	131	--	105	--	--	--	--	100	--	--	--	--	--	--
P22A67E	131	--	85	--	--	--	--	87	--	--	--	--	--	--
P24A07E	132	--	104	--	--	--	--	105	--	--	--	--	--	--
B243EE	132	--	90	--	--	--	--	108	--	--	--	--	--	--
Stine 25EG20	135	--	102	--	--	--	--	106	--	--	--	--	--	--
Lawson R2X	135	--	110	--	--	--	--	100	--	--	--	--	--	--
LSD (0.10)			8	7	13	8	7	7	6	10	6	7		
Average yield (T/ha)			4.56	4.74	3.14	5.39	5.04	5.36	5.56	3.85	6.26	6.27		
(bu/ac)			67.7	70.3	46.5	80.0	74.7	79.5	82.5	57.1	92.9	93.0		

Testing Locations: Table 5.1			
Inwood	2021	--	2023
Palmyra	2021	2022	2023
Fingal	2021	--	2023
Ridgetown	2021	2022	2023

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TABLE 5.2 AGRONOMIC DATA AT EARLY MATURITY GROUP 2 (2900-3300 HU) AREAS , CONVENTIONAL TEST 2023

Variety	Days to Mature		CLAY AVG Yield Index		INWOOD Yield Index	PALMYRA Yield Index		LOAM AVG Yield Index		FINGAL Yield Index	RIDGETOWN Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	2 year	2 year	3 year	1 year	2 year	2 year	2 year	3 year		
OAC Bruton	126	124	98	97	95	100	102	95	97	88	99	99	90	2.0
OAC Aberdeen	127	124	99	95	91	94	96	105	102	104	104	104	83	1.3
HDC Blake	126	124	96	95	105	95	94	101	89	103	83	87	95	1.8
Rowan	128	125	112	103	112	97	98	101	106	108	109	109	92	1.5
OAC Kent	128	126	112	107	108	108	104	98	91	95	87	87	97	2.3
OAC Marvel	129	127	91	92	89	94	90	96	97	96	97	92	95	1.8
SG 2311	130	127	105	101	108	99	101	98	93	95	90	92	96	1.8
Tillson	130	128	97	99	89	103	108	112	110	120	111	111	91	1.4
AAC 26-15	131	129	98	97	97	95	94	95	96	91	95	91	94	1.9
OAC Stirling	132	129	106	102	101	100	105	99	99	97	100	103	97	2.1
Siena	131	130	113	108	104	109	108	111	113	105	116	115	92	1.8
AAC Wigle	131	131	94	94	98	95	96	102	101	99	103	102	98	1.7
AAC McRae	133	131	92	95	92	97	97	106	105	102	106	105	101	2.0
DF 155	133	132	112	109	106	110	101	99	94	92	94	96	94	1.9
AAC Big Ben	134	134	104	105	104	103	104	104	106	104	107	107	103	2.3
Varieties with one year of data														
S16-B8	125	--	88	--	--	--	--	95	--	--	--	--	--	--
S20-W9	125	--	85	--	--	--	--	90	--	--	--	--	--	--
S21-C6	129	--	99	--	--	--	--	92	--	--	--	--	--	--
LSD (0.10)			9	7	12	7	8	6	6	10	7	7		
Average yield (T/ha)			4.56	4.86	3.33	5.39	4.91	4.93	5.04	4.22	5.45	5.44		
(bu/ac)			67.7	72.1	49.3	80.0	72.8	73.1	74.8	62.6	80.8	80.7		

Testing Locations: Table 5.2			
Inwood	2021	--	2023
Palmyra	2021	2022	2023
Fingal	2021	--	2023
Ridgetown	2021	2022	2023

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TABLE 6.1 AGRONOMIC DATA AT LATE MATURITY GROUP 2 (3300-3500 HU) AREAS , RR TEST 2023

Variety	Days to Mature		CLAY AVG Yield Index		MERLIN Yield Index		WOODSLEE Yield Index		LOAM AVG Yield Index		CHATHAM Yield Index		MALDEN Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	2 year	3 year	2 year	3 year	1 year	2 year	2 year	3 year	2 year	3 year		
S26-E3	119	116	94	89	85	98	92	99	92	92	89	90	95	99	79	1.1
Darby E3	119	118	96	91	96	--	87	--	89	95	93	--	96	--	85	1.2
S25-G8E3	120	118	96	98	100	--	97	--	94	98	97	--	99	--	82	1.2
S29-R5X	121	119	97	97	92	102	102	101	100	105	110	110	100	101	86	1.2
DKB27-55	123	120	122	115	119	--	112	--	106	106	111	--	102	--	94	1.2
P29A19E	123	122	104	108	110	--	105	--	100	100	102	--	98	--	84	1.2
P28A65E	125	122	101	101	94	--	107	--	105	101	99	--	103	--	82	1.1
DKB28-76XF	124	123	104	100	104	--	97	--	97	103	99	--	108	--	91	1.3
Varieties with one year of data																
S28-B9E3S	122	--	92	--	--	--	--	--	91	--	--	--	--	--	--	--
PS 2923EN	123	--	105	--	--	--	--	--	103	--	--	--	--	--	--	--
S25-K4XF	123	--	105	--	--	--	--	--	102	--	--	--	--	--	--	--
P30A75E	124	--	106	--	--	--	--	--	102	--	--	--	--	--	--	--
S29-N5E3	125	--	89	--	--	--	--	--	96	--	--	--	--	--	--	--
Stine 31EF02	125	--	97	--	--	--	--	--	102	--	--	--	--	--	--	--
Stine 29EF02	125	--	92	--	--	--	--	--	100	--	--	--	--	--	--	--
B283EE	126	--	102	--	--	--	--	--	104	--	--	--	--	--	--	--
P33A62E	126	--	105	--	--	--	--	--	107	--	--	--	--	--	--	--
PS 3022XFN	127	--	98	--	--	--	--	--	105	--	--	--	--	--	--	--
S32-J5XF	128	--	94	--	--	--	--	--	105	--	--	--	--	--	--	--
LSD (0.10)			9	6	8	9	10	7	6	4	5	6	7	6		
Average yield (T/ha)			4.10	3.92	3.84	3.87	4.01	4.71	6.26	5.62	5.52	5.12	5.71	5.27		
(bu/ac)			60.8	58.2	56.9	57.4	59.5	69.8	92.8	83.3	81.8	76.0	84.8	78.1		

TABLE 6.2 AGRONOMIC DATA AT LATE MATURITY GROUP 2 (3300-3500 HU) AREAS , CONVENTIONAL TEST 2023

Variety	Days to Mature		CLAY AVG Yield Index		MERLIN Yield Index		WOODSLEE Yield Index		LOAM AVG Yield Index		CHATHAM Yield Index		MALDEN Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	2 year	3 year	2 year	3 year	1 year	2 year	2 year	3 year	2 year	3 year		
OAC Marvel	116	113	97	98	99	99	97	96	101	101	106	103	96	97	90	1.5
SG 2311	115	113	98	96	98	105	95	100	94	91	82	90	101	102	85	1.3
HDC Blake	113	113	98	91	90	94	93	100	86	77	77	83	76	85	86	1.4
Siena	116	115	107	107	108	106	106	107	110	110	124	116	97	99	81	1.3
OAC Stirling	119	116	93	98	99	97	96	97	110	111	112	105	110	103	92	1.7
AAC 26-15	120	116	93	94	90	91	97	97	88	93	96	98	91	96	86	1.4
AAC McRae	120	117	105	106	108	103	105	101	104	101	107	103	94	97	94	1.3
AAC Wigle	119	117	97	96	91	92	101	96	97	101	96	95	106	108	88	1.3
DF 155	123	118	103	104	108	107	101	--	106	106	96	103	116	--	88	1.6
AAC Big Ben	124	122	107	110	109	107	110	105	104	109	105	102	113	112	100	1.8
LSD (0.10)			9	6	10	9	7	8	9	7	7	7	12	9		
Average yield (T/ha)			3.99	3.77	3.67	3.97	3.88	4.32	5.10	4.63	4.59	4.45	4.67	4.57		
(bu/ac)			59.1	56.0	54.5	58.9	57.5	64.1	75.7	68.6	68.0	65.9	69.2	67.8		

Testing Locations: Table 6				
Merlin	2021	2022	2023	
Woodslee	2021	2022	2023	
Chatham	2021	2022	2023	
Malden	2021	2022	2023	

Interpretation of Tables & Results

Interpretation of Table 1

Notes: Varieties with resistance genes for races of the Phytophthora root rot organism in Ontario:

1a,1c,1k, 6: Resistance genes for Phytophthora root rot in Ontario which provide resistance to some races of the pathogen. Rps 1a does not provide protection to most races of the pathogen in Ontario

SCN: Resistant to some HG types of Soybean Cyst Nematode (SCN) in Ontario.

HP: Varieties with above average protein index. See Protein & Oil Index section below.

L-LA: L-LA is a designation used by seed sponsors to indicate a soybean variety that produces low linolenic acid in the seed

Herbicide Reaction

RR: Roundup Ready™ (Trademark of Monsanto Company)

RR2Y: Roundup Ready 2 Yield™ (Trademark of Monsanto Company)

RR2X: Roundup Ready 2 Xtend™ (Trademark of Monsanto Company)

E3: Enlist E3™ (Trademark of Dow AgroSciences, DuPont or Pioneer and affiliated companies or their respective owners)

LL: Liberty Link™ (Trademark of Bayer CropScience AG)

Varieties have not been evaluated for metribuzin tolerance by OSACC. For further information contact seed distributor. The following variety has been reported to OSACC as being Metribuzin Sensitive (**MS**): Astor.

Relative Maturity

Ranking of maturities has been initiated to provide producers with a rating system that is similar to the USA soybean industry standards. Rankings are not assigned by OSACC. See attached Relative Maturity map on the GoSoy.ca web site and last page.

Hilum Colour

Each soybean seed has a hilum which is the point where it was attached to the pod. Varieties differ in hilum colour and can be either Yellow (Y), Imperfect Yellow (IY), Gray (GR), Buff (BF), Brown (BR), Black (BL), or Imperfect Black (IBL). Hilum colour may also be Light (L). Yellow hilum soybeans are usually the only type accepted for the export market. In certain years discolouration of the hilum of IY varieties can occur and as a result the soybeans may not be acceptable for export markets.

Seeds per Kilogram

This is an estimate of the relative number of seeds of a particular variety in a kilogram of seed based on a 1-2 years of data from all locations where a variety was tested. Since seed size can vary from year to year and from seed lot to seed lot these figures should be used as a rough guide only. The actual seed size reported on each seed lot should be used to calculate seeding rate.

Phytophthora Root Rot % Plant Loss

Phytophthora root rot testing is carried out on clay soils infested with common races of Phytophthora at Woodslee. Previous methodology used counting plants shortly after emergence (3-4 weeks after planting) and a subsequent counting 4 weeks later. The loss was estimated based on the difference between count 2 and count 1, taken as a percentage. The limitation in this counting method is that it does not take into account pre-emergence mortality due to PRR nor does it take into account late season mortality. Starting in 2019 we began expressing the PRR ratings based on final stand in a High phytophthora pressure environment. This final stand was only rated once for all maturity groups and this was again changed to rate the plants near the R6 growth stage which was done in 2020 in order to capture late season PRR damage.

Protein & Oil Index

Protein Index (%) and Oil (%) are found on the web at www.Gosoy.ca.

Least Significant Difference (LSD)

The Least Significant Difference (LSD) was determined for each Yield Index column. To compare any two varieties within a column, the yield can be considered the same if the difference between their yield indices is less than or equal to the LSD for that column.

Interpretation of Results (Tables 2 to 6)

Days from Planting to Maturity

Maturity is affected by planting date and the area where a variety is being grown. Varieties are rated as being mature when 95% of the pods on the plants are ripe. Normally, 3-10 additional drying days are needed before the crop is dry enough for combining. Starting in 2022, the 1-year average in addition to the 2-year average is shown. Tables are sorted by the 2-year average.

Yield Index

Varieties can only be compared within each test area. Yield index of a variety indicates its performance as a percentage of the average yield of all varieties grown in a test area. Small index differences may not be meaningful. In Tables 2-4, the yield index for each location and for the average of all locations is based on 2-3 years of testing. In Tables 5-6, the Clay and Loam Averages are based on 3 years of testing. Yield index averaged over locations and years will be a more reliable indicator of yield potential than performance from one single location or single year.

Plant Height

An indicator of the amount of plant growth, it is measured at maturity as the length of the stem from the base of the plant at soil level to its tip. A 2-year average is shown.

Lodging

A visual estimate at maturity of the standability of the crop. A value of 1 is equivalent to a crop standing completely upright, while a 5 represents a crop entirely flat. Within a test area, varieties with lower values are less prone to lodging. A 2-year average is shown. Lodging may not be rated for all test sites in each maturity group.

Testing Methods

In each trial, varieties were replicated in a suitable experimental design and received equal fertility, weed control and management. All trials were planted and harvested by machine. Tests were separated into conventional herbicide and glyphosate herbicide treated plots. Prior to harvest, plant height and lodging scores were obtained. The grain harvested from each plot was weighed and the yield of soybeans was calculated in tonnes/hectare at 13% moisture.

Food Soybean Varieties (F)

The Conventional and Food soybean variety trials were combined for the first time in 2006. All conventional and food varieties were grown in the same test sites in all three years for which data is presented.

Ontario Soybean And Canola Committee
Test Locations and Soil Types - 2023 Trials

Location	Table	Relative		Row Width (cm)	Seeding Rate (plant/ac)	Co-operator	Trial Co-ordinator
		Maturity	Soil Type				
New Liskeard	2a	00.5	clay	35	200,000	U of Guelph, New Liskeard	U of Guelph, New Liskeard
Dundalk	2b	00.9	loam	56	192,000	Leo Blydorp	U of Guelph, OCRC-Winchester
Belwood	2b	0.2	clay loam	56	192,000	Doug Shaw	U of Guelph, OCRC-Winchester
Elora	2b & 3	0.6	silt loam	35	200,000	OAC, U of Guelph	OAC, U of Guelph
Ottawa	3	0.6	clay loam	45	200,000	Research Centre, AAFC, Ottawa	ORDC, AAFC, Ottawa
Walton	3	0.7	loam	56	192,000	Neil Mitchell	ORDC, AAFC, Ottawa
Winchester	4	1.0	clay loam	Twin (48, 28)*	175,000	U of Guelph, Winchester	U of Guelph, OCRC-Winchester
Port Hope	3	1.5	clay loam	56	192,000	Bruce Hendry	ORDC, AAFC, Ottawa
Woodstock	4	1.8	clay loam	35	200,000	OAC, U of Guelph	OAC, U of Guelph
Exeter	4	1.7	clay loam	38	200,000	Huron Research Station	Ridgetown Campus, U of Guelph
St. Marys	4	1.5	clay loam	35	200,000	Lawrie Bell	OAC, U of Guelph
Fingal	5	2.1	clay loam	56	192,000	Dan Curtis	Ridgetown Campus, U of Guelph
Palmyra	5	2.7	clay	43	235,000	Richard Wierenga	Ridgetown Campus, U of Guelph
Inwood	5	2.4	clay	43	235,000	Jeff Lassaline	Ridgetown Campus, U of Guelph
Ridgetown	5	2.8	clay loam	43	200,000	Ridgetown Campus, U of Guelph	Ridgetown Campus, U of Guelph
Chatham	6	2.9	clay loam	43	200,000	Heather Macleod	Ridgetown Campus, U of Guelph
Merlin	6	3.1	clay	43	235,000	Grant Guy	Ridgetown Campus, U of Guelph
Woodslee	6	3.3	clay	46	200,000	Research Centre, AAFC, Harrow	HRDC, AAFC, Harrow
Harrow	6	3.5	sandy loam	46	185,000	Research Centre, AAFC, Harrow	HRDC, AAFC, Harrow

* Twin rows 48 (between twin rows) and 28 cm (within twin row) spacing.

Ontario Soybean And Canola Committee Soybean Variety Distributors

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Corteva Agriscience (Brevant)

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<https://engage.brevant.com/en-ca>

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www.huron.com

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www.jacksonseedservice.com

Maizex Seeds Inc.

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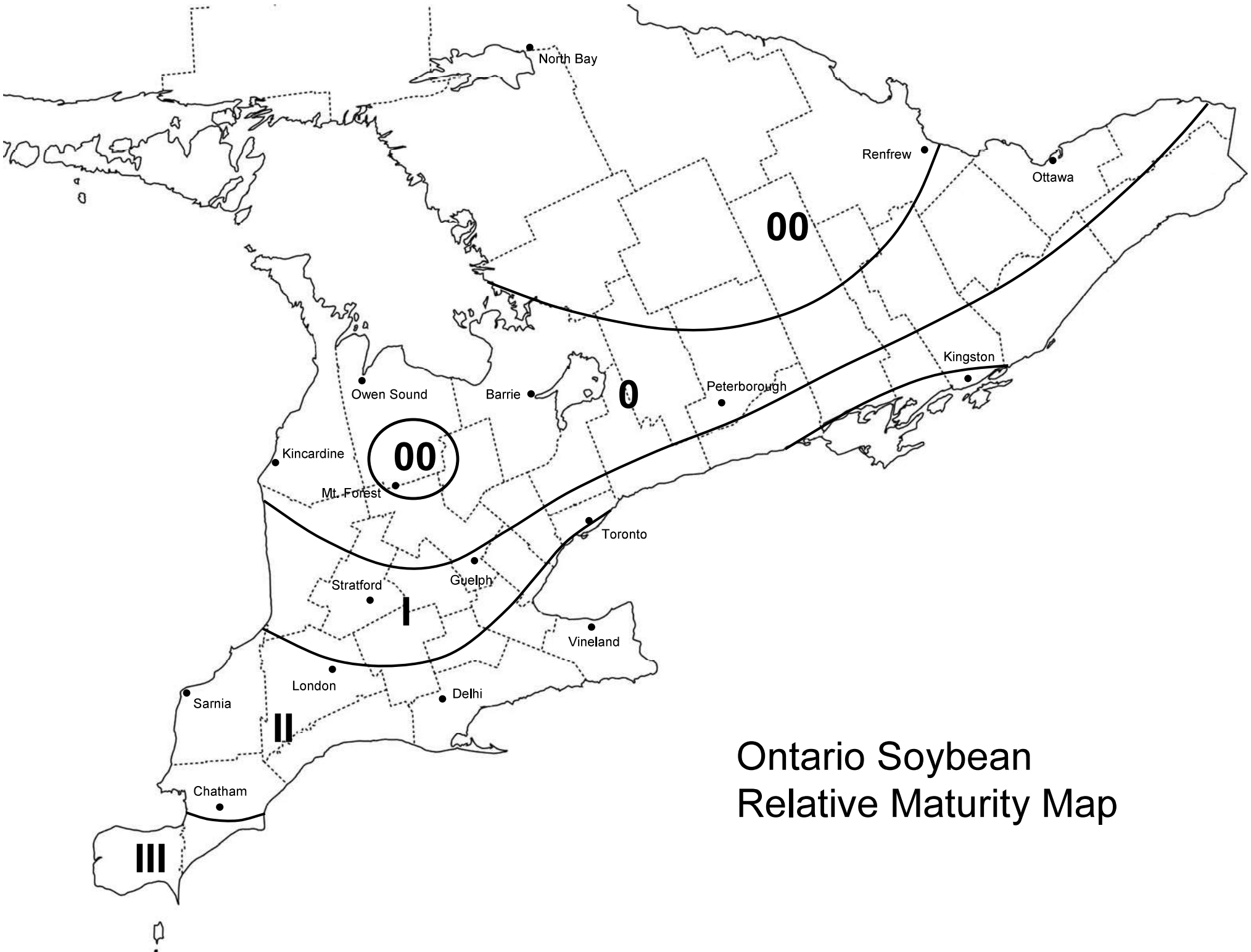
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Ontario Soybean
Relative Maturity Map