

2024

Ontario Soybean Variety Trials Data Collected 2022-2024

Conducted by the
Ontario Soybean And Canola Committee
Soybean.GoCrops.ca

Research conducted and reported by:



Grain Farmers of Ontario
www.gfo.ca



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Agroalimentaire Canada

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ONTARIO SOYBEAN AND CANOLA COMMITTEE (OSACC)

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Ontario Soybean Variety Trials

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Table 1. Soybean Variety Performance List and Descriptions

Variety	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	5500	na	Maizex	
DKB0005-03	1c		RR2X	000.5	IBL	5600	na	DEKALB	
ABACA 				000.7	IY	5300	40	SG Ceresco, Inc.	
Fresco R2X	1a		RR2X	000.9	BL	5000	72	Prograin	
S0009-J5X	1c, 3a		RR2X	000.9	BR	4900	na	NK	
Young R2X	SCN 1c	PI 88788	RR2X	000.9	BL	5100	47	SeCan	
Joly XF	SCN 1c	PI 88788	XF	00.0	BL	--	na	SeCan	
PS 0011 XRN	SCN 1c	PI 88788	RR2X	00.0	BL	6000	na	PRIDE Seeds	
S001-D8X	1c		RR2X	00.1	IY	6300	na	NK	
Badger R2X	1k		RR2X	00.2	BL	4800	na	Maizex	
DKB002-32	SCN 1k	PI 88788	RR2X	00.2	BR	6000	na	DEKALB	
JAGO				00.2	Y	5000	32	SG Ceresco, Inc.	
P002A42E 	1c		E3	00.2	Y	5700	46*	Pioneer	
Liska 				00.3	IY	5200	49	Prograin	
S003-R5X	1c		RR2X	00.3	IY	5900	na	NK	
Bourke R2X	1k		RR2X	00.4	BL	5400	34	SeCan	
Merino R2X	SCN 1k	PI 88788	RR2X	00.4	BL	4700	42	Prograin	
Aurelina 				00.5	IY	4900	44	C & M Seeds	
Hart R2X	1c		RR2X	00.5	BR	4900	40	SeCan	
Luxor				00.5	IY	4700	28*	Semican Inc.	
P005A59E 	1c		E3	00.5	BR	4800	40*	Pioneer	
PR24XF2450			XF	00.5		--	na	Prograin	
Prostar 	6			00.5	Y	4900	na	Semican Inc.	
DKB006-80	SCN 1c	PI 88788	RR2X	00.6	BL	5300	na	DEKALB	
Kudo R2X			RR2X	00.6	BL	6000	52	Prograin	
B0073EE 	SCN 1c	Peking	E3	00.7	IBL	5800	32*	Brevant Seeds	
C4M24518 XT	1k		RR2X	00.7	BL	5800	na	Maizex	
DKB007-91XF	SCN 1c	PI 88788	XF	00.7	BL	5200	na	DEKALB	
Elmo E3	SCN 1a	PI 88788	E3	00.7	LBR	6900	35	Prograin	
Maya 	1c			00.7	IY	5200	33	Prograin	
Mozart				00.7	Y	4800	54	Semican Inc.	
P007A68E 	1c		E3	00.7	BF	5700	na	Pioneer	
PR24X2500			RR2X	00.7		--	na	Prograin	
S007-A2XS			RR2X	00.7	GR	6500	na	NK	
S007-Z1X	1c		RR2X	00.7	BR	5200	na	NK	
Hulk R2X 	3a		RR2X	00.8	BL	4900	na	Maizex	
Jador				00.8	IY	--	na	Semican Inc.	
Koa 	1c			00.8	IY	5400	48	Prograin	
SI 00924XFN	1c		XF	00.9	IY	--	na	Sevita International	
Triquet R2X	SCN 1k	PI 88788	RR2X	00.9	BL	5000	55	SeCan	
Bronco R2X	1c, 6		RR2X	0.0	IY	5300	55	Prograin	
Nala	1c			0.0	IY	5300	49	Prograin	
Apollina 				0.1	IY	4900	41	Saatbau Linz	
Atiron	HP			0.1	IY	4900	40	Huron Commodities Inc.	
Bellistar				0.1	IY	4600	na	Semican Inc.	
C4M23497 XT			RR2X	0.1	BL	5300	na	Maizex	
Grizzly R2X	SCN 1k, 3a	PI 88788	RR2X	0.1	BL	5600	na	Maizex	
Hana				0.1	Y	5300	47	Prograin	
P01Z13E	1k		E3	0.1	BL	6100	na	Pioneer	
Rico R2X	SCN 1c	PI 88788	RR2X	0.1	LBR	6800	46	Prograin	
S01-D5	SCN 1c, 3a	PI 88788		0.1	IY	5200	na	Silverline	
SI 0124XT			RR2X	0.1	BR	--	na	Sevita International	
Stine 01EH32	SCN 3a	PI 88788	E3	0.1	BF	--	na	Stine Seeds	
Donaldo R2X	1c		RR2X	0.2	BL	5900	43	Prograin	
Kyoto				0.2	Y	4900	54	Synagri	
Mason XF	SCN 1c	PI 88788	XF	0.2	BL	5200	46*	SeCan	

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Table 1. Soybean Variety Performance List and Descriptions

Variety	Notes	SCN Source	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Phytophthora	
							Root Rot % Plant Loss**	Distributor
Roxton	SCN 1c	PI 88788		0.2	Y	5400	29	Sevita International
S02-M4XF	SCN 1c	PI 88788	XF	0.2	BL	6300	na	NK
AAC Shinju 	1c			0.3	Y	9000	37	Huron Commodities Inc.
B036CE	SCN 1k	PI 88788	E3	0.3	BR	5500	34	Brevant Seeds
Barracuda E3	1c		E3	0.3	BL	5500	na	Maizex
Cobra R2X	SCN 1c		RR2X	0.3	BR	5700	na	Maizex
CP0324X	SCN 1c	PI 88788	RR2X	0.3	BL	5000	na	CROPLAN by WinField United
DKB03-25	1c		RR2X	0.3	BR	5800	na	DEKALB
Enduro E3	1a, 3a		E3	0.3	IY	5100	24	Prograin
Kuma 				0.3	IY	4700	na	Maizex
Panorama	1c, 6			0.3	Y	4700	40	Sevita International
PS 0423EN	SCN	PI 88788	E3	0.3	BL	6400	32*	PRIDE Seeds
S03-V5E3	SCN 1c	PI 88788	E3	0.3	IBL	6000	na	NK
SI 0323E3N	SCN	PI 88788	E3	0.3	IBL	6400	36*	Sevita International
Algebra				0.4	IY	5300	37*	Saatbau Linz
B043EE 	1k		E3	0.4	BR	4800	44*	Brevant Seeds
DKB04-72XF	SCN 1c	PI 88788	XF	0.4	BL	5500	na	DEKALB
Katano				0.4	IY	4900	na	Synagri
OAC Champion 				0.4	IY	4800	54	Agrocentre Belcan
OAC Strive 				0.4	IY	4500	29	SeCan
P04A98E	1c		E3	0.4	BR	4600	44	Pioneer
S04-J6X	SCN 1c	PI 88788	RR2X	0.4	BL	6300	na	NK
S04-K9 	SCN 1c	PI 88788		0.4	Y	4400	na	Silverline
Salto R2	1c, 3a		RR2Y	0.4	BR	5900	30	Prograin
Utica				0.4	IY	4500	37	Sevita International
Aya 	3a			0.5	Y	4300	37	Prograin
B054EE 	SCN 1k	PI 88788	E3	0.5	BR	5900	na	Brevant Seeds
Crosby XF	SCN 1c	PI 88788	XF	0.5	IBL	5600	na	Secan/Snobelen
Cullen XF	SCN 1c, 3a	PI 88788	XF	0.5	GR	5000	na	SeCan
Hola 	1c, 3a			0.5	IY	4400	43	Prograin
P05Z60E	SCN 1c	PI 88788	E3	0.5	BR	5200	na	Pioneer
PS 0521 XRN	SCN 1c	PI 88788	RR2X	0.5	IBL	5400	38	PRIDE Seeds
Ramage XF	SCN 1c	PI 88788	XF	0.5	IY	5800	35	SeCan
Savage R2X	SCN 1c	PI 88788	RR2X	0.5	BL	6000	39	SeCan
Stine 05EG62	SCN 1k	PI 88788	E3	0.5	IBL	5500	na	Stine Seeds
Altitude R2	3a		RR2Y	0.6	BR	5000	48	SeCan
Amino R2X	SCN 1c	PI 88788	RR2X	0.6	BL	5400	35	Prograin
Harvey E3			E3	0.6	LBR	5800	38	SeCan
Lion R2X 	1c		RR2X	0.6	IY	5200	na	Maizex
Marula	1c			0.6	Y	4400	39	Prograin
Nano R2X	SCN 3a	PI 88788	RR2X	0.6	BR	5500	29	Prograin
Navan	SCN 1c, 3a	PI 88788		0.6	Y	4400	29	Sevita International
OAC Evolution 				0.6	IY	4900	45	Agrocentre Belcan
OAC Kamran 	SCN	PI 88788		0.6	IY	4800	43	SeCan
P06A38E	1c		E3	0.6	BR	4800	33	Pioneer
P06Z90E	SCN 1k	PI 88788	E3	0.6	BR	5300	na	Pioneer
S06-A3XF	SCN 1c, 3a	PI 88788	XF	0.6	GR	5000	na	NK
Seabrook R2X	1k		RR2X	0.6	BL	6000	33	SeCan
SFL 06-44 IP	SCN 1c	PI 88788		0.6	Y	5100	na	Snobelen Farms Ltd.
SI 0620XTN	SCN 1c	PI 88788	RR2X	0.6	BL	5800	41	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	39	C & M Seeds
Atacama 				0.7	IY	5000	47	SG Ceresco, Inc.
Axis E3	1c		E3	0.7	LBR	5700	na	Horizon Seeds Canada
B074HE	1c		E3	0.7	BR	5000	37	Brevant Seeds

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Variety	Notes	SCN Source	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Phytophthora	
							Root Rot % Plant Loss**	Distributor
DKB07-23	SCN 1c	PI 88788	RR2X	0.7	BL	6300	na	DEKALB
Dundee	SCN 1c	PI 88788		0.7	IY	4200	na	Sevita International
Dyno R2X	SCN 1c	PI 88788	RR2X	0.7	BR	5200	38	Prograin
Kagawa				0.7	IY	4200	39	Synagri
Myers E3	SCN 3a	PI 88788	E3	0.7	BF	5400	na	SeCan
PS 0779 XRN	SCN 1c	PI 88788	RR2X	0.7	BL	6100	34	PRIDE Seeds
S07-K5X	3a		RR2X	0.7	GR	5000	na	NK
Ajico	1c			0.8	IY	4500	na	Maizex
Alameda				0.8	IY	5000	na	SG Ceresco, Inc.
Canstar	1a, 6			0.8	Y	5300	31*	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	4600	36	Prograin
Miko R2	1c		RR2Y	0.8	BR	5200	51	Prograin
NA0800				0.8	IY	4800	28	New Age Seeds Inc
OAC Wallace				0.8	BR	5100	46	SeCan
Orr R2X	SCN 3a	PI 88788	RR2X	0.8	BR	5300	29	SeCan
P08A44E	SCN 1k	PI 88788	E3	0.8	BR	5200	35*	Pioneer
PR24XF2750			XF	0.8		5600	na	Prograin
Ridley XF	SCN 1c	PI 88788	XF	0.8	BL	5800	33*	SeCan
S07-M8	1c			0.8	IY	4400	na	Silverline
SI 0720E3N	SCN 1c, 3a	PI 88788	E3	0.8	IBL	5400	26	Sevita International
Viper R2X	SCN 1c	PI 88788	RR2X	0.8	BL	5100	na	Maizex
Wilma	1c, 3a			0.8	Y	4800	27	Prograin
AAC Kovik				0.9	Y	4500	39	SG Ceresco, Inc.
Acuna	1c			0.9	IY	4300	56	Prograin
Beliveau R2X	SCN 1k, 3a	PI 88788	RR2X	0.9	BR	4900	31	SeCan
Finch	1c			0.9	Y	5000	26	Sevita International
Havane				0.9	Y	4700	34	SG Ceresco, Inc.
P09Z79E	SCN 1k	PI 88788	E3	0.9	BR	6200	na	Pioneer
Pico R2X	SCN 1c	PI 88788	RR2X	0.9	BL	6100	35	Prograin
PS 0944 XRN	SCN 1c	PI 88788	RR2X	0.9	IBL	5100	35	PRIDE Seeds
S09-B5XF	SCN 1c, 3a	PI 88788	XF	0.9	GR	5000	na	NK
S09-H7E3	SCN 1k	PI 88788	E3	0.9	BF	5600	na	NK
SI 0921XTN	SCN	PI 88788	RR2X	0.9	BL	5800	50	Sevita International
Acora	1c			1.0	Y	4800	44	Prograin
B103EE	SCN 1k	PI 88788	E3	1.0	BF	5000	25*	Brevant Seeds
C4M24519 E3	SCN	PI 88788	E3	1.0	BL	5200	na	Maizex
Forto				1.0	IY	4100	26	SG Ceresco, Inc.
Genesis	1a			1.0	Y	4600	46	Sevita International
Matilda	1k			1.0	IY	5000	49	Sevita International
OAC Malory	SCN	PI 88788		1.0	Y	5000	21	SeCan
Piranha R2X	3a		RR2X	1.0	BL	5200	na	Maizex
PS 1022 EN	SCN 1c, 3a	PI 88788	E3	1.0	BF	5300	27	PRIDE Seeds
S10-R2	SCN	PI 88788		1.0	Y	5100	na	Silverline
S10-W8XF	SCN 1c	PI 88788	XF	1.0	IY	5800	na	NK
Saru	1c			1.0	IY	4700	na	Maizex
Stine 10EG20	SCN	PI 88788	E3	1.0	IBL	5200	na	Stine Seeds
B119KE	SCN	PI 88788	E3	1.1	IBL	5600	43	Brevant Seeds
DKB11-51	SCN	PI 88788	RR2X	1.1	BL	5900	na	DEKALB
DKB11-84	SCN 3a	PI 88788	RR2X	1.1	BR	6100	na	DEKALB
Millito	SCN 1c, 3a	PI 88788		1.1	IY	4800	23*	SG Ceresco, Inc.
Odessa				1.1	IY	4100	32	Sevita International
P11A10	SCN	PI 88788		1.1	Y	4800	46	Pioneer
P11Z72E	SCN 1c	Peking	E3	1.1	BR	5000	na	Pioneer
S11-A4E3	SCN 1k, 3a	PI 88788	E3	1.1	BF	5300	na	NK







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Variety	Notes	SCN Source	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Phytophthora	
							Root Rot % Plant Loss**	Distributor
S11-U2XF	SCN 3a	PI 88788	XF	1.1	BL	5100	na	NK
Skyline	SCN 1c, 3a	PI 88788		1.1	Y	5100	27	Sevita International
Summit E3			E3	1.1	IBL	6100	36	Horizon Seeds Canada
Taku				1.1	Y	5000	28	SG Ceresco, Inc.
Abiza				1.2	IY	4500	48*	Saatbau Linz
Atena	1c, 3a			1.2	Y	4200	30	Prograin
Baltazar				1.2	IY	4600	21	Semican Inc.
EXP 1224 EN	SCN 1c, 3a	PI 88788	E3	1.2	IBL	5200	na	PRIDE Seeds
Mya	SCN 1c	PI 88788		1.2	IY	4600	43	Prograin
S12-J7	SCN 1c, 3a	PI 88788		1.2	Y	4400	na	Silverline
S12-M5X	SCN 1k, 3a	PI 88788	RR2X	1.2	BL	5000	na	NK
SI 1222E3N	SCN 1k	PI 88788	E3	1.2	IBL	4600	36	Sevita International
Stine 12EB32	SCN 1c	PI 88788	E3	1.2	IBL	4900	na	Stine Seeds
Atanga				1.3	IY	5600	32*	Saatbau Linz
OAC Bianco	SCN	PI 88788		1.3	Y	5500	76	SG Ceresco, Inc.
P13Z28E	SCN 1k	PI 88788	E3	1.3	BL	5900	na	Pioneer
PR24E2875			E3	1.3		5700	na	Prograin
PS 1344 XFN	SCN 3a	PI 88788	XF	1.3	BL	5100	na	PRIDE Seeds
Rask E3	SCN 1c	PI 88788	E3	1.3	IBL	4800	29	SeCan
S13-Y4XF	SCN 1c, 3a	PI 88788	XF	1.3	BR	5300	na	NK
Zeta	SCN 1c	PI 88788		1.3	IY	5000	35	Prograin
Avalanche XF	SCN 1c, 3a	PI 88788	XF	1.4	BL	4900	na	Maizex
B144EE	SCN 1k	PI 88788	E3	1.4	BR	5300	na	Brevant Seeds
DKB14-65	SCN 1c, 3a	PI 88788	RR2X	1.4	BL	5400	na	DEKALB
DKB14-97	SCN 3a	PI 88788	RR2X	1.4	IBL	5700	na	DEKALB
Inwood	SCN	PI 88788		1.4	IY	4600	35	SeCan
Mercado XF	SCN 1c, 3a	PI 88788	XF	1.4	BR	5200	31	Prograin
OAC Union	SCN	PI 88788		1.4	Y	4900	24	SeCan
P14A12E	SCN 1c	Peking	E3	1.4	BR	5600	66*	Pioneer
S14-C7XF	SCN 1c	PI 88788	XF	1.4	BR	5700	na	NK
SI 1422XTN	SCN 1c	PI 88788	RR2X	1.4	BL	5200	50	Sevita International
Stine 14EE21	SCN 1k	Peking	E3	1.4	BF	6200	na	Stine Seeds
Alinova	SCN	PI 88788		1.5	IY	4900	38	Sevita International
B158DE	SCN 1k	PI 88788	E3	1.5	BR	6200	32	Brevant Seeds
Cyclone R2X	SCN 1k, 3a	PI 88788	RR2X	1.5	BL	5400	na	Maizex
S15-G9E3S	SCN 1k	Peking	E3	1.5	IBL	6000	na	NK
Verdo	1c			1.5	Y	5000	na	SG Ceresco, Inc.
B163EE	SCN 1c	Peking	E3	1.6	BR	5700	65*	Brevant Seeds
DKB16-64XF	SCN 1c	PI 88788	XF	1.6	IBL	5700	na	DEKALB
OAC Aberdeen	SCN	PI 88788		1.6	IY	4800	27	Huron Commodities Inc.
S14-H3	SCN	PI 88788		1.6	IY	4500	na	Hensall Co-op
S16-K2X	SCN 1k, 3a	PI 88788	RR2X	1.6	BL	5100	na	NK
Typhoon E3	SCN 1c, 3a	Peking	E3	1.6	IBL	5600	na	Maizex
B173EE	SCN 1k, 3a	PI 88788	E3	1.7	BR	4600	29*	Brevant Seeds
Compass E3			E3	1.7	IBL	5500	na	Horizon Seeds Canada
Keith XF	SCN 3a	PI 88788	XF	1.7	BR	5200	23	SeCan
P17A87E	SCN 1k	PI 88788	E3	1.7	BL	5300	28	Pioneer
P17Z39E	SCN 1k	Peking	E3	1.7	BL	5400	na	Pioneer
PS 1721 EN	SCN 1c, 3a	PI 88788	E3	1.7	Y	5400	31	PRIDE Seeds
SI 1820XTN	SCN 3a	PI 88788	RR2X	1.7	BR	5800	30	Sevita International
Suga	3a			1.7	Y	4500	na	Maizex
B182ME	SCN 1k	Peking	E3	1.8	BL	5400	26	Brevant Seeds
NA1800	SCN 1c	PI 88788		1.8	IY	5100	47	New Age Seeds Inc
P18A73E	SCN 1k	Peking	E3	1.8	BL	5500	36	Pioneer
P18Z01E	SCN 1k	Peking	E3	1.8	BL	5900	na	Pioneer
S16-B8	SCN 1c, 3a	PI 88788		1.8	IY	4800	na	Silverline



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Table 1. Soybean Variety Performance List and Descriptions

Variety	Notes	SCN Source	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Phytophthora	
							Root Rot % Plant Loss**	Distributor
S18-F1E3S	SCN 1k	Peking	E3	1.8	IBL	5700	na	NK
SI 1823E3N	SCN 1k	PI 88788	E3	1.8	IBL	5500	32*	Sevita International
C4M24509 E3	SCN 1k	Peking	E3	1.9	BF	6800	na	Maizex
C4M24510 XF	SCN	PI 88788	XF	1.9	BL	6600	na	Maizex
CP1923X	SCN 1c	PI 88788	RR2X	1.9	IBL	6000	na	CROPLAN by WinField United
DKB19-80	SCN 1c	PI 88788	RR2X	1.9	BL	6300	na	DEKALB
HDC Blake				1.9	Y	4100	na	Hensall Co-op
Kraft E3	SCN 1k	PI 88788	E3	1.9	IBL	6000	20*	SeCan
OAC Bruton 	SCN	PI 88788		1.9	Y	4200	31	SeCan
P19A37E	SCN 1k, 3a	PI 88788	E3	1.9	BL	5500	26*	Pioneer
PS 1923XFN	SCN 1c, 3a	PI 88788	XF	1.9	BL	6100	29*	PRIDE Seeds
NA2000	SCN 1c	PI 88788		2.0	Y	5400	32	New Age Seeds Inc
P20A48E	SCN 1k	PI 88788	E3	2.0	BR	6900	28*	Pioneer
Rowan	SCN 1c	PI 88788		2.0	IY	5300	42	Sevita International
S20-L8X	SCN 1c	PI 88788	RR2X	2.0	BL	5500	na	NK
S20-W9	SCN 1c, 3a	PI 88788		2.0	Y	4600	na	Silverline
Stine 20EG02	SCN 1a	PI 88788	E3	2.0	BL	6100	na	Stine Seeds
B213EE	SCN 1k, 3a	PI 88788	E3	2.1	BR	5400	36*	Brevant Seeds
B214EE 	SCN 1k	Peking	E3	2.1	BR	7400	na	Brevant Seeds
DKB21-30XF	SCN 1c	PI 88788	XF	2.1	BL	5900	na	DEKALB
P21A53E	SCN 1c	PI 88788	E3	2.1	BR	6100	33	Pioneer
P21Z88E	SCN 1k	Peking	E3	2.1	BR	6900	na	Pioneer
PS 2120 EN	SCN 1k	PI 88788	E3	2.1	IBL	6600	30	PRIDE Seeds
Barber XF	SCN 1c	PI 88788	XF	2.2	BL	6200	na	SeCan
OAC Marvel	SCN	PI 88788		2.2	Y	4500	38	Huron Commodities Inc.
P22A67E 	SCN 1k, 3a	PI 88788	E3	2.2	BR	6200	37*	Pioneer
S22-A2E3	SCN 1c	PI 88788	E3	2.2	IBL	6100	na	NK
Stine 22EH29	SCN 1k	Peking	E3	2.2	IBL	7100	na	Stine Seeds
AAC McRae 	SCN	PI 88788		2.3	Y	4200	na	Hensall Co-op
DKB23-24	SCN 1c	PI 88788	RR2X	2.3	IBL	6600	na	DEKALB
P23Z58E	SCN 1k	Peking	E3	2.3	BR	6200	na	Pioneer
PS 2322 XFN	SCN 1c	PI 88788	XF	2.3	IBL	5800	25	PRIDE Seeds
SG 2311				2.3	Y	4900	31	Huron Commodities Inc.
Siena	SCN	PI 88788		2.3	Y	5600	30	Prograin
B243EE	SCN 1k	Peking	E3	2.4	BR	6400	29*	Brevant Seeds
C4M24511 E3	SCN 1k, 3a	PI 88788	E3	2.4	BL	6500	na	Maizex
Equator E3	SCN 1c	PI 88788	E3	2.4	IBL	5700	40*	Horizon Seeds Canada
Express R2X	SCN 1c, 1k	PI 88788	RR2X	2.4	BL	6000	26	SeCan
P24A07E	SCN 1k	PI 88788	E3	2.4	BR	6400	24*	Pioneer
Tillson	SCN 1c	PI 88788		2.4	IY	5900	32	Sevita International
Titan XF	SCN 1c	PI 88788	XF	2.4	BL	6400	na	Maizex
AAC 26-15	SCN	PI 88788		2.5	Y	4900	28	Huron Commodities Inc.
AAC Wigle 	SCN	PI 88788		2.5	Y	4400	49	SeCan
B253LE	SCN 1k	PI 88788	E3	2.5	BL	5500	29	Brevant Seeds
DF 155				2.5	Y	4700	na	AGRIS Co-operative Ltd.
P25A16E	SCN 1k	Peking	E3	2.5	BR	6000	27	Pioneer
PS 2521 XFN	SCN 1c	PI 88788	XF	2.5	BL	5700	27	PRIDE Seeds
S25-K4XF	SCN	PI 88788	XF	2.5	BL	6100	na	NK
Stine 25EG20	SCN 1c, 1k	PI 88788	E3	2.5	BL	6200	na	Stine Seeds
OAC Stirling 	SCN	PI 88788		2.6	Y	5200	32	Huron Commodities Inc.
P26Z78E	SCN 1k	PI 88788	E3	2.6	BL	6000	na	Pioneer
S26-E3	SCN 1k	Peking	E3	2.6	BF	7100	na	NK
DKB27-55	SCN 1c	PI 88788	RR2X	2.7	IBL	5900	na	DEKALB
NA2700	SCN 1c	PI 88788		2.7	IY	4800	33	New Age Seeds Inc
Prosper XF	SCN 1k	PI 88788	XF	2.7	IBL	6800	na	Maizex
AAC Big Ben	SCN	PI 88788		2.8	Y	4800	19*	Southwest Seeds

Ontario Soybean And Canola Committee

Table 1. Soybean Variety Performance List and Descriptions

Variety	Notes	SCN Source	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Phytophthora Root Rot		Distributor
							% Plant Loss**		
B283EE 	SCN 1k	PI 88788	E3	2.8	BL	6200	na		Brevant Seeds
DKB28-76XF	SCN 1c, 1k	PI 88788	XF	2.8	IBL	6100	na		DEKALB
P28A65E	SCN 1k	PI 88788	E3	2.8	BL	5300	33		Pioneer
P28Z30E	SCN 1k	PI 88788	E3	2.8	BL	6200	na		Pioneer
P28Z89E	SCN 1k	Peking	E3	2.8	BR	5500	na		Pioneer
PS 2923EN	SCN 1k	Peking	E3	2.8	BL	5900	21*		PRIDE Seeds
Stine 28EH29	SCN 1k	Peking	E3	2.8	IBL	5500	na		Stine Seeds
DKB29-87XF	SCN 1c, 3a	PI 88788	XF	2.9	IBL	6000	na		DEKALB
P29A19E	SCN 1k, 3a	PI 88788	E3	2.9	BL	5800	28		Pioneer
S29-N5E3	SCN 1c 3a	PI 88788	E3	2.9	IBL	5700	na		NK
S29-R5X	SCN 1k	PI 88788	RR2X	2.9	BR	6000	na		NK
P30A75E	SCN 1k	PI 88788	E3	3.0	BR	5800	28*		Pioneer
P31Z32E	SCN 1k	PI 88788	E3	3.1	BL	5700	na		Pioneer
P32Z91E	SCN 1k, 3a	Peking	E3	3.2	BL	6600	na		Pioneer
S32-J5XF	SCN 1c	PI 88788	XF	3.2	BL	5900	na		NK
P33A62E 	SCN 1c	PI 88788	E3	3.3	BR	5900	25*		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

RR - Roundup Ready

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 na=less than 2 yrs of data available, * only 2 yrs of data available.

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TABLE 2a.1 AGRONOMIC DATA AT MATURITY GROUP 00 (2100-2300 HU) AREAS , RR TEST 2024

Variety	Days to Mature		NEW LISKEARD Yield Index			Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	3 year		
S001-D8X	111	112	89	90	88	64	1.1
S0009-J5X	115	112	93	93	--	59	1.0
DKB0005-03	113	112	88	94	--	54	1.0
PS 0011 XRN	112	113	96	99	95	59	1.0
S003-R5X	112	113	100	97	97	53	1.0
Wolf R2X	113	113	92	91	--	57	1.0
Young R2X	113	113	98	99	--	58	1.5
Fresco R2X	119	114	93	88	88	56	1.0
Hart R2X	117	116	105	102	103	64	1.0
DKB002-32	115	117	102	102	102	66	1.0
Merino R2X	117	117	104	102	101	66	1.4
S007-A2XS	116	117	107	109	108	72	1.0
Bourke R2X	118	119	100	102	102	69	1.4
S007-Z1X	121	119	94	99	97	63	1.3
DKB006-80	122	121	105	106	108	66	1.3
Badger R2X	122	121	104	105	--	63	1.5
Kudo R2X	124	122	105	102	102	66	1.8
DKB007-91XF	124	122	107	107	--	66	1.3
Elmo E3	124	125	120	112	109	75	1.0
Varieties with one year of data							
C4M24518 XT	112	--	91	--	--	--	--
Hulk R2X	123	--	104	--	--	--	--
LSD (0.10)			8	4	4		
Average yield (T/ha)			4.06	4.34	4.33		
(bu/ac)			60.2	64.3	64.2		

TABLE 2a.2 AGRONOMIC DATA AT MATURITY GROUP 00 (2100-2300 HU) AREAS , CONVENTIONAL TEST 2024

Variety	Days to Mature		NEW LISKEARD Yield Index			Plant Height (cm)	Lodging 1=standing 5=flat
	1 year	2 year	1 year	2 year	3 year		
Prostar	111	114	92	89	--	68	1.0
ABACA	112	114	107	106	104	65	1.3
Liska	113	114	98	97	96	68	1.0
Luxor	113	116	93	98	--	70	1.0
Nala	116	118	102	105	--	71	1.6
Maya	115	118	97	98	99	69	1.0
Koa	116	118	98	102	101	66	1.1
Mozart	119	121	101	105	--	67	1.5
Varieties with one year of data							
Aurelina	116	--	104	--	--	--	--
Hana	121	--	110	--	--	--	--
LSD (0.10)			10	6	5		
Average yield (T/ha)			3.98	4.12	4.11		
(bu/ac)			59.0	61.2	61.0		

Testing Locations: Tables 2a.1 & T2a.2			
New Liskeard	2022	2023	2024

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TABLE 2.1 AGRONOMIC DATA AT MATURITY GROUP 00 (2300-2500 HU) AREAS , RR TEST 2024

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	2 year	3 year		
P002A42E	107	111	77	82	--	87	--	--	83	--	68	1.1
P005A59E	109	113	105	99	--	94	--	--	104	--	68	1.0
Merino R2X	109	114	96	94	90	96	92	84	94	91	84	1.8
S007-Z1X	111	114	97	101	96	103	93	97	99	99	79	1.5
B0073EE	110	114	99	99	--	98	--	--	99	--	68	1.1
S007-A2XS	110	114	90	99	--	97	--	--	94	--	78	1.5
P007A68E	112	115	80	94	--	84	--	--	100	--	71	1.2
Kudo R2X	111	116	100	97	97	102	103	97	94	92	81	1.8
DKB006-80	112	116	98	99	96	105	99	100	93	91	86	1.6
Rico R2X	113	117	91	93	95	89	93	95	96	98	72	1.1
S02-M4XF	114	117	106	102	101	99	95	103	105	105	77	1.1
Triquet R2X	114	118	107	102	98	108	100	96	100	98	88	1.6
Elmo E3	114	119	91	90	91	89	92	93	93	90	76	1.3
Bronco R2X	117	119	100	99	95	97	91	102	99	95	81	1.1
Donaldo R2X	114	119	107	99	95	95	91	89	105	102	79	1.1
DKB03-25	116	120	102	109	110	109	111	113	105	108	85	1.3
Salto R2	119	122	112	107	108	111	112	107	108	105	75	1.3
Amino R2X	118	122	113	108	104	107	101	94	113	112	74	1.0
S03-V5E3	118	122	98	99	104	92	100	107	105	105	77	1.5
DKB04-72XF	119	122	101	109	--	114	--	--	100	--	91	1.6
Enduro E3	119	123	113	112	111	112	113	118	108	105	85	1.6
S04-J6X	120	123	108	107	109	112	115	106	104	106	81	1.2
Varieties with one year of data												
Badger R2X	111	--	92	--	--	--	--	--	--	--	--	--
PR24XF2450	111	--	92	--	--	--	--	--	--	--	--	--
Hulk R2X	112	--	94	--	--	--	--	--	--	--	--	--
SI 00924XFN	114	--	100	--	--	--	--	--	--	--	--	--
PR24X2500	115	--	111	--	--	--	--	--	--	--	--	--
SI 0124XT	115	--	109	--	--	--	--	--	--	--	--	--
C4M23497 XT	116	--	111	--	--	--	--	--	--	--	--	--
Joly XF	117	--	105	--	--	--	--	--	--	--	--	--
Stine 01EH32	117	--	95	--	--	--	--	--	--	--	--	--
Stine 05EG62	119	--	101	--	--	--	--	--	--	--	--	--
Stine 06EG29	121	--	102	--	--	--	--	--	--	--	--	--
LSD (0.10)			11	5	4	8	8	8	8	7		
Average yield (T/ha)			3.56	3.52	3.36	3.12	3.13	3.38	4.04	3.58		
(bu/ac)			52.8	52.2	49.8	46.2	46.4	50.1	59.9	53.0		

Testing Locations: Table 2.1			
Belwood	2022	2023	2024
Dundalk	2022	2023	--
Elora	2022	2023	2024

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TABLE 2.2 AGRONOMIC DATA AT MATURITY GROUP 00 (2300-2500 HU) AREAS , CONVENTIONAL TEST 2024

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	2 year	3 year		
Prostar	107	113	86	88	--	89	--	--	88	--	79	1.4
Luxor	111	115	98	98	--	100	--	--	95	--	87	1.2
Nala	111	116	93	102	--	104	--	--	97	--	89	1.7
Koa	110	116	101	101	--	102	--	--	99	--	82	1.6
Mozart	111	117	93	98	--	94	--	--	100	--	83	1.8
JAGO	112	118	104	104	99	100	99	94	107	102	82	1.4
Maya	112	118	101	97	--	103	--	--	93	--	83	1.1
Hana	113	118	107	102	--	101	--	--	106	--	77	1.1
Atiron	113	119	90	91	90	92	91	92	91	88	83	1.1
Bellistar	116	120	102	101	--	102	--	--	105	--	90	1.4
Panorama	114	121	105	105	102	106	103	101	103	101	70	1.3
Roxton	115	121	116	114	112	114	110	116	113	110	90	1.5
Utica	116	123	100	99	98	95	97	97	103	99	84	1.1
Varieties with one year of data												
Jador	110	--	98	--	--	--	--	--	--	--	--	--
Aurelina	112	--	105	--	--	--	--	--	--	--	--	--
LSD (0.10)			10	5	4	11	9	8	7	5		
Average yield (T/ha)			3.56	3.39	3.31	3.17	3.17	3.20	3.74	3.53		
(bu/ac)			52.8	50.2	49.2	47.0	47.1	47.5	55.5	52.3		

Testing Locations: Table 2.2			
Belwood	2022	2023	2024
Dundalk	2022	2023	--
Elora	2022	2023	2024

Ontario Soybean And Canola Committee

TABLE 3.1 AGRONOMIC DATA AT MATURITY GROUP 0 (2500-2800 HU) AREAS , RR TEST 2024

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		
Cobra R2X	111	113	99	97	96	99	98	88	90	102	99	96	87	1.9
S03-V5E3	111	114	90	91	91	89	89	94	92	90	93	94	81	1.4
B036CE	112	114	93	94	93	98	98	91	89	95	91	91	78	1.4
B043EE	112	115	105	105	--	110	--	100	--	106	106	--	89	1.9
S04-J6X	113	115	97	96	96	97	96	100	99	96	92	95	87	1.5
Barracuda E3	113	115	90	92	--	97	--	89	--	87	94	--	78	1.9
PS 0521 XRN	114	116	104	102	101	106	105	101	102	101	99	99	89	1.6
P04A98E	114	116	98	101	98	99	98	104	101	98	101	97	74	1.3
S07-K5X	114	116	97	99	98	98	99	97	95	102	100	98	90	1.6
SI 0620XTN	113	116	104	100	99	102	100	95	96	104	100	97	89	1.8
SI 0323E3N	113	116	92	91	--	93	--	89	--	91	90	--	86	1.4
DKB07-23	114	116	96	98	--	96	--	96	--	99	102	--	81	1.6
P06A38E	114	116	102	100	99	98	97	108	107	98	98	95	78	1.5
Savage R2X	114	116	98	97	96	93	95	95	93	95	103	100	100	2.2
Lion R2X	114	116	96	97	98	98	100	97	98	95	98	98	80	1.8
Stine 06EG29	115	116	88	92	--	93	--	98	--	89	87	--	76	1.4
Nano R2X	115	117	105	103	102	103	103	98	99	104	107	104	92	1.9
PS 0423EN	114	117	96	93	--	93	--	88	--	96	94	--	84	1.3
Ramage XF	114	117	100	98	96	98	98	91	90	104	97	97	89	1.9
Stine 05EG62	114	117	97	94	--	98	--	98	--	88	90	--	75	1.3
Torpedo E3	114	117	86	88	--	83	--	85	--	96	89	--	94	2.2
Enduro E3	115	117	95	97	95	96	92	91	91	102	99	96	91	2.2
P08A44E	115	117	101	99	--	106	--	96	--	96	95	--	89	1.7
Pico R2X	115	117	100	101	--	106	--	97	--	99	101	--	84	1.6
S06-A3XF	115	117	96	96	95	90	90	103	101	94	99	95	80	1.4
Harvey E3	115	117	95	98	96	93	92	104	101	97	98	97	82	1.5
Amino R2X	114	117	106	104	101	102	98	104	100	109	101	99	84	1.2
Ridley XF	115	117	98	98	--	97	--	106	--	98	92	--	83	1.5
Altitude R2	115	117	107	104	101	103	101	106	101	106	102	98	84	1.7
SI 0921XTN	115	118	102	101	100	104	103	101	98	98	100	100	89	1.8
Miko R2	116	118	106	105	104	101	103	103	102	112	106	105	96	2.2
S09-B5XF	115	118	105	103	103	106	106	104	104	101	100	100	83	1.8
B074HE	116	118	105	104	102	106	103	99	99	108	105	103	90	1.8
Seabrook R2X	115	118	96	98	99	96	98	100	100	97	99	99	106	2.4
Viper R2X	116	118	108	107	106	111	109	108	107	105	105	104	80	1.5
PS 0779 XRN	116	118	101	105	104	105	106	102	102	110	101	100	91	1.8
DKB08-80	116	118	108	105	103	102	102	112	105	103	105	104	93	1.6
S12-M5X	117	119	118	114	111	111	109	123	118	112	111	106	78	1.5
SI 0720E3N	116	119	101	96	95	94	94	92	93	100	100	94	83	1.6
PS 0944 XRN	117	119	101	107	106	106	106	104	105	103	112	109	93	1.8
Axis E3	117	119	98	102	99	104	103	100	97	99	102	99	86	1.9
Orr R2X	118	119	106	104	104	103	103	102	104	98	111	110	91	1.7
Beliveau R2X	117	120	111	107	107	106	107	123	117	101	100	102	86	1.9
Piranha R2X	118	120	107	107	--	105	--	106	--	103	112	--	91	1.9
DKB11-84	118	120	104	103	104	98	99	103	106	103	107	107	88	1.7
S09-H7E3	118	120	95	93	96	99	96	90	97	90	93	98	76	1.5
Dyno R2X	118	120	108	107	107	106	107	106	104	110	105	107	96	1.8
Mason XF	118	120	99	99	--	94	--	102	--	98	103	--	103	2.2
Enyo E3	117	120	104	101	100	98	97	98	97	101	106	107	87	1.9
S11-U2XF	118	121	111	107	--	109	--	105	--	110	105	--	93	1.7
S11-A4E3	120	121	105	101	--	101	--	107	--	100	95	--	80	1.6
Varieties with one year of data														
C4M23497 XT	109	--	93	--	--	--	--	--	--	--	--	--	--	--
P01Z13E	111	--	84	--	--	--	--	--	--	--	--	--	--	--
CP0324X	112	--	104	--	--	--	--	--	--	--	--	--	--	--
Crosby XF	112	--	98	--	--	--	--	--	--	--	--	--	--	--
Grizzly R2X	113	--	96	--	--	--	--	--	--	--	--	--	--	--
B054EE	114	--	103	--	--	--	--	--	--	--	--	--	--	--
Cullen XF	114	--	101	--	--	--	--	--	--	--	--	--	--	--
P05Z60E	115	--	99	--	--	--	--	--	--	--	--	--	--	--
P06Z90E	115	--	105	--	--	--	--	--	--	--	--	--	--	--
PR24XF2750	116	--	101	--	--	--	--	--	--	--	--	--	--	--
Myers E3	116	--	92	--	--	--	--	--	--	--	--	--	--	--
Stine 10EG20	117	--	94	--	--	--	--	--	--	--	--	--	--	--
P09Z79E	118	--	103	--	--	--	--	--	--	--	--	--	--	--
P11Z72E	118	--	98	--	--	--	--	--	--	--	--	--	--	--
Stine 12EB32	121	--	98	--	--	--	--	--	--	--	--	--	--	--
LSD (0.10)			6	4	3	5	5	8	6	8	8	6		
Average yield (T/ha)			4.46	4.38	4.32	4.84	4.11	4.22	4.42	3.98	4.48	4.61		
(bu/ac)			66.1	65.0	64.0	71.7	60.9	62.6	65.6	59.1	66.5	68.4		

Testing Locations: Table 3.1			
Elora	2022	2023	2024
Ottawa	2022	2023	2024
Port Hope	--	2023	2024
Walton	2022	2023	2024

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TABLE 3.2 AGRONOMIC DATA AT MATURITY GROUP 0 (2500-2800 HU) AREAS , CONVENTIONAL TEST 2024

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		
Aurelina	108	111	95	93	93	97	97	87	88	96	93	93	93	2.6
Nala	108	112	93	91	92	95	95	88	92	96	86	89	97	2.9
S01-D5	110	112	93	91	--	93	--	89	--	94	90	--	88	2.2
Atiron	109	113	85	87	87	82	84	85	85	87	90	90	91	2.2
Hana	109	113	97	95	94	93	92	102	99	95	91	90	81	1.7
AAC Shinju	110	113	86	83	83	83	86	77	80	84	86	85	91	3.2
Kuma	110	114	96	98	99	100	103	95	95	100	98	100	99	2.7
Panorama	110	114	95	94	94	93	94	93	94	98	93	92	75	1.8
S04-K9	111	114	103	101	101	102	103	95	97	105	101	101	83	2.2
Apollina	112	115	96	95	95	97	95	98	98	96	92	93	91	2.3
OAC Strive	111	115	101	98	99	102	102	87	92	101	103	103	95	2.3
OAC Kamran	112	115	93	93	94	101	98	90	92	89	94	96	79	1.8
Utica	111	115	97	94	95	92	93	94	94	98	92	94	90	1.8
Hola	112	116	105	103	101	102	100	113	107	100	99	94	88	1.9
OAC Champion	113	116	92	93	93	91	93	90	91	98	93	91	97	3.2
S07-M8	113	116	98	100	101	91	94	106	106	100	100	102	90	1.9
S10-R2	113	116	100	100	101	104	103	99	101	97	101	101	100	3.0
Kyoto	114	116	94	97	96	98	97	103	103	97	89	89	89	1.8
OAC Wallace	113	117	103	104	105	96	99	108	109	107	105	105	94	2.6
Algebra	113	117	95	98	--	91	--	107	--	99	94	--	85	1.8
NA0800	113	117	99	100	101	107	106	93	98	99	102	102	92	2.1
Marula	114	117	103	99	99	89	92	100	100	106	99	100	103	2.0
Aya	113	117	107	105	104	108	104	106	104	101	105	105	91	2.1
Navan	113	117	98	100	101	95	99	105	103	99	101	103	92	1.6
Havane	114	117	99	99	--	105	--	89	--	102	100	--	88	2.4
AAC Kovik	114	118	95	98	97	101	103	100	98	94	98	94	90	2.4
Atacama	114	118	88	94	96	93	97	91	97	94	97	99	83	2.1
Ezra	114	118	111	108	106	108	106	113	108	102	109	106	97	2.1
Ajico	114	118	99	102	103	99	103	98	99	106	104	104	90	1.8
Acuna	114	118	107	105	106	102	104	104	105	109	104	106	100	2.4
Katano	114	118	97	96	95	98	97	95	94	99	95	92	83	1.9
Finch	115	118	104	102	104	103	106	105	105	103	98	100	97	1.8
OAC Evolution	116	118	103	106	106	103	104	107	107	106	106	106	97	2.0
Matilda	115	119	110	111	111	108	108	112	112	108	114	114	89	2.1
Saru	115	119	107	111	111	114	114	109	108	106	115	113	98	1.7
Kagawa	115	119	100	97	99	99	101	100	101	96	95	97	93	2.1
Genesis	115	119	101	101	103	98	102	94	98	102	109	109	91	2.9
Acora	117	120	103	104	106	95	101	105	105	104	112	111	103	2.3
Odessa	116	120	105	106	--	101	--	109	--	114	99	--	86	2.0
Abiza	117	120	101	103	--	110	--	107	--	98	99	--	100	2.5
Atena	116	121	109	109	108	105	106	111	110	104	115	111	87	1.8
Wilma	116	121	111	111	112	112	110	120	120	105	108	110	94	2.7
Canstar	117	121	103	106	--	112	--	103	--	103	107	--	99	2.0
Angelica	117	121	106	107	108	109	110	101	106	106	111	110	106	2.5
Atanga	118	121	104	108	--	119	--	109	--	102	105	--	89	2.3
Mya	117	121	103	102	--	107	--	102	--	96	104	--	101	2.8
Varieties with one year of data														
Roxton	112	--	97	--	--	--	--	--	--	--	--	--	--	--
Dundee	113	--	99	--	--	--	--	--	--	--	--	--	--	--
Verdo	114	--	104	--	--	--	--	--	--	--	--	--	--	--
SFL 06-44 IP	114	--	105	--	--	--	--	--	--	--	--	--	--	--
Alameda	116	--	102	--	--	--	--	--	--	--	--	--	--	--
LSD (0.10)			4	3	3	8	6	7	5	7	5	4		
Average yield (T/ha)			4.08	3.91	3.80	3.13	3.04	4.14	4.20	4.04	4.32	4.02		
(bu/ac)			60.5	58.0	56.4	46.4	45.2	61.4	62.2	60.0	64.1	59.7		

Testing Locations: Table 3.2			
Elora	2022	2023	2024
Ottawa	2022	2023	2024
Port Hope	--	2023	2024
Walton	2022	2023	2024

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TABLE 4.1 AGRONOMIC DATA AT MATURITY GROUP 1 (2700-2900 HU) AREAS , RR TEST 2024

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		
S09-B5XF	114	120	100	95	--	94	--	93	--	99	--	95	--	84	1.3
Pico R2X	114	120	95	94	94	92	93	91	92	96	96	97	96	82	1.2
S09-H7E3	115	120	90	88	91	86	89	87	89	91	94	90	89	77	1.3
S10-W8XF	114	121	95	93	94	95	96	90	90	95	97	92	93	88	1.4
Dyno R2X	116	121	101	100	100	94	96	103	101	101	101	105	103	91	1.3
Stine 10EG20	115	122	96	98	--	101	--	100	--	99	--	87	--	79	1.2
B103EE	115	122	97	96	--	96	--	98	--	98	--	93	--	82	1.1
S12-M5X	115	122	102	102	99	99	98	106	101	103	100	100	96	76	1.2
S11-U2XF	116	122	102	102	--	99	--	101	--	100	--	109	--	90	1.3
PS 1022 EN	116	122	100	99	97	104	100	100	95	97	98	95	95	87	1.4
Enyo E3	117	123	98	96	96	92	93	96	94	99	98	100	99	86	1.3
S13-Y4XF	117	123	99	100	100	99	100	105	102	100	101	97	99	89	1.2
B119KE	118	123	100	97	96	98	97	92	91	100	97	97	97	77	1.1
Summit E3	118	123	101	99	97	103	103	96	96	96	93	101	98	84	1.1
DKB11-51	117	123	96	101	100	94	96	114	109	103	101	93	93	92	1.4
SI 1222E3N	117	124	105	104	103	102	101	105	105	106	103	104	103	83	1.3
S11-A4E3	118	124	101	99	--	99	--	104	--	99	--	95	--	78	1.2
Compass E3	118	124	112	107	105	115	111	101	102	107	102	106	103	84	1.4
S14-C7XF	118	125	100	100	101	104	102	98	98	98	101	102	104	97	1.3
S16-K2X	120	125	103	98	99	100	99	102	103	95	99	96	95	86	1.2
B163EE	120	125	94	96	--	95	--	100	--	91	--	98	--	86	1.5
Stine 12EB32	119	125	90	93	--	94	--	94	--	89	--	94	--	90	1.4
Typhoon E3	119	125	97	97	--	98	--	95	--	96	--	101	--	83	1.2
Cyclone R2X	119	125	102	103	103	99	101	100	99	111	110	101	100	87	1.2
Avalanche XF	119	125	105	102	102	106	104	102	101	103	106	96	96	91	1.2
P14A12E	120	126	96	93	--	98	--	89	--	89	--	96	--	86	1.4
SI 1422XTN	119	126	103	104	106	102	103	109	108	104	107	104	103	91	1.4
Mercado XF	120	126	106	104	103	106	104	105	103	104	105	103	101	96	1.3
DKB14-97	120	126	100	101	100	98	97	106	106	104	104	92	93	96	1.4
B158DE	120	126	103	99	99	104	103	87	90	103	102	100	101	84	1.2
DKB16-64XF	120	126	97	101	100	97	98	109	108	98	96	103	102	92	1.4
Keith XF	121	126	106	106	105	106	104	107	105	104	104	110	109	96	1.3
DKB14-65	120	127	99	105	103	104	103	108	107	104	100	102	103	90	1.6
P17A87E	121	127	108	106	104	107	104	106	106	107	102	104	104	89	1.2
SI 1820XTN	121	128	101	104	102	100	101	108	105	105	101	105	103	95	1.3
B182ME	121	128	104	102	102	103	101	97	100	102	100	107	107	91	1.3
SI 1823E3N	120	128	102	100	--	105	--	103	--	92	--	102	--	85	1.4
Rask E3	121	128	97	101	101	97	101	105	105	97	95	109	107	90	1.4
PS 1721 EN	122	128	96	98	97	97	97	100	99	95	91	104	102	90	1.3
P18A73E	122	128	98	100	99	106	105	88	92	100	96	105	104	85	1.2
P19A37E	122	128	108	106	--	108	--	100	--	112	--	103	--	90	1.4
B173EE	122	129	104	105	--	106	--	100	--	109	--	106	--	93	1.3
Varieties with one year of data															
P09Z79E	114	--	95	--	--	--	--	--	--	--	--	--	--	--	--
C4M24519 E3	114	--	94	--	--	--	--	--	--	--	--	--	--	--	--
P11Z72E	117	--	95	--	--	--	--	--	--	--	--	--	--	--	--
S15-G9E3S	118	--	100	--	--	--	--	--	--	--	--	--	--	--	--
B144EE	118	--	105	--	--	--	--	--	--	--	--	--	--	--	--
P13Z28E	119	--	101	--	--	--	--	--	--	--	--	--	--	--	--
EXP 1224 EN	119	--	92	--	--	--	--	--	--	--	--	--	--	--	--
PR24E2875	119	--	96	--	--	--	--	--	--	--	--	--	--	--	--
PS 1344 XFN	119	--	107	--	--	--	--	--	--	--	--	--	--	--	--
C4M24510 XF	122	--	105	--	--	--	--	--	--	--	--	--	--	--	--
C4M24509 E3	122	--	99	--	--	--	--	--	--	--	--	--	--	--	--
P17Z39E	122	--	109	--	--	--	--	--	--	--	--	--	--	--	--
Stine 14EE21	122	--	94	--	--	--	--	--	--	--	--	--	--	--	--
P18Z01E	123	--	101	--	--	--	--	--	--	--	--	--	--	--	--
Kraft E3	124	--	97	--	--	--	--	--	--	--	--	--	--	--	--
LSD (0.10)			4	3	3	5	6	7	5	5	4	6	5		
Average yield (T/ha)			4.90	4.89	4.68	5.30	5.07	4.57	4.43	5.72	5.55	3.96	3.69		
(bu/ac)			72.7	72.5	69.5	78.6	75.1	67.7	65.7	84.9	82.3	58.7	54.8		

Testing Locations: Table 4.1			
Exeter	2022	2023	2024
St. Marys	2022	2023	2024
Winchester	2022	2023	2024
Woodstock	2022	2023	2024

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TABLE 4.2 AGRONOMIC DATA AT MATURITY GROUP 1 (2700-2900 HU) AREAS , CONVENTIONAL TEST 2024

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	113	117	92	93	93	91	91	95	92	92	93	94	96	95	1.8
Finch	114	118	100	97	96	97	96	94	93	98	98	98	96	94	1.0
Matilda	114	119	111	108	105	104	104	108	101	115	110	104	103	87	1.1
Kagawa	115	120	92	93	92	89	90	94	93	96	96	92	87	89	1.2
Acora	115	120	93	96	94	98	96	97	95	92	89	96	97	99	1.4
S12-J7	116	121	103	101	99	99	100	101	98	100	98	102	103	87	1.5
P11A10	115	121	110	106	103	103	103	108	105	110	103	104	101	97	1.4
Skyline	117	122	95	93	93	95	93	92	91	96	97	86	88	92	1.5
Wilma	116	122	109	107	106	100	101	113	110	112	110	104	101	91	1.3
OAC Malory	116	122	90	93	95	98	98	90	91	91	94	95	96	90	1.8
Atena	117	122	99	98	97	103	101	99	98	97	96	93	91	82	1.2
Inwood	117	122	95	93	--	92	--	87	--	90	--	103	--	87	1.9
S14-H3	116	122	99	100	98	100	100	103	100	100	99	95	93	82	1.1
Mya	118	123	106	102	101	100	98	96	97	107	105	106	104	99	1.6
S16-B8	118	124	97	95	--	98	--	98	--	87	--	102	--	88	1.5
OAC Union	118	124	104	103	103	101	103	106	104	105	105	97	97	85	1.3
Baltazar	117	124	105	104	100	98	95	105	101	116	111	93	89	95	1.4
Zeta	119	125	108	108	108	110	107	108	107	101	104	118	116	87	1.7
OAC Aberdeen	119	125	104	106	105	105	107	109	108	102	98	111	111	86	1.1
Milto	119	125	94	90	--	85	--	87	--	95	--	92	--	110	1.6
S20-W9	119	126	95	97	--	105	--	99	--	87	--	95	--	81	1.2
Alinova	120	126	112	113	110	115	111	109	105	117	112	112	114	88	1.2
OAC Bianco	119	126	102	91	92	101	101	89	92	84	83	87	92	107	1.6
HDC Blake	120	127	95	97	95	98	96	100	99	94	91	97	93	95	1.8
Taku	121	127	105	106	107	101	102	109	112	108	107	105	107	101	1.7
NA1800	121	127	98	101	102	105	104	101	103	94	95	107	108	91	1.7
Forto	122	128	99	99	98	99	97	97	98	103	100	95	95	105	1.7
Rowan	122	128	108	110	110	108	106	106	108	110	108	119	121	98	1.3
Varieties with one year of data															
Kyoto	111	--	82	--	--	--	--	--	--	--	--	--	--	--	--
Acuna	113	--	101	--	--	--	--	--	--	--	--	--	--	--	--
SFL 06-44 IP	114	--	99	--	--	--	--	--	--	--	--	--	--	--	--
Katano	115	--	91	--	--	--	--	--	--	--	--	--	--	--	--
Suga	124	--	106	--	--	--	--	--	--	--	--	--	--	--	--
LSD (0.10)			5	3	3	6	7	6	5	6	5	5	5		
Average yield (T/ha)			4.33	4.22	3.96	4.73	4.37	3.93	3.76	4.92	4.74	3.31	2.97		
(bu/ac)			64.2	62.6	58.8	70.1	64.8	58.2	55.8	72.9	70.3	49.1	44.1		

Testing Locations: Table 4.2			
Exeter	2022	2023	2024
St. Marys	2022	2023	2024
Winchester	2022	2023	2024
Woodstock	2022	2023	2024

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TABLE 5.1 AGRONOMIC DATA AT EARLY MATURITY GROUP 2 (2900-3300 HU) AREAS , RR TEST 2024

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 year	2 year	1 year	2 year	2 year	2 year	3 year	1 year	2 year	1 year	2 year	3 year		1=standing	5=flat
Summit E3	116	119	79	84	88	81	82	106	95	84	99	96	77	1.1	
Compass E3	118	122	98	96	83	104	100	96	103	100	104	98	73	1.3	
S18-F1E3S	119	124	92	95	87	101	96	101	103	102	103	101	78	1.2	
PS 2120 EN	120	124	99	96	85	103	100	118	106	99	109	108	84	1.3	
PS 1923XFN	121	125	105	104	109	101	--	96	101	109	98	--	87	1.4	
DKB21-30XF	120	125	105	104	106	103	102	92	99	106	96	95	85	1.5	
S20-L8X	121	125	108	103	94	109	108	94	90	92	89	92	82	1.8	
DKB19-80	122	125	100	101	114	92	96	93	97	99	97	100	91	1.9	
P20A48E	122	126	99	100	100	100	--	106	99	89	102	--	86	1.2	
Express R2X	122	126	100	105	110	101	101	102	104	110	101	101	91	1.6	
B213EE	123	126	100	105	109	103	--	85	96	101	94	--	87	1.3	
S22-A2E3	123	126	105	108	119	101	101	92	99	102	98	99	80	1.3	
DKB23-24	123	127	88	99	117	88	93	105	102	103	102	103	88	1.4	
PS 2322 XFN	122	127	110	107	108	105	106	114	104	102	105	105	91	1.6	
Stine 20EG02	124	128	102	104	102	106	--	90	97	106	93	--	80	1.4	
P22A67E	124	128	100	93	89	96	--	113	96	82	101	--	85	1.3	
S26-E3	125	128	102	97	90	102	102	92	96	101	94	97	85	1.4	
P24A07E	124	128	111	108	108	107	--	116	109	102	111	--	94	1.1	
B243EE	125	129	102	97	92	99	--	107	107	114	105	--	84	1.2	
Equator E3	127	130	73	87	95	82	--	91	99	107	96	--	78	1.2	
PS 2521 XFN	127	130	101	102	94	108	106	111	101	91	105	105	87	1.6	
B253LE	127	131	100	99	94	102	102	106	104	99	106	105	85	1.1	
Stine 25EG20	127	131	100	102	97	105	--	87	99	107	97	--	80	1.4	
DKB27-55	127	131	94	105	113	100	105	87	95	95	95	95	92	1.7	
Varieties with one year of data															
SI 1820XTN	117	--	102	--	--	--	--	84	--	--	--	--	--	--	
CP1923X	118	--	100	--	--	--	--	104	--	--	--	--	--	--	
SI 1823E3N	120	--	103	--	--	--	--	95	--	--	--	--	--	--	
P21A53E	122	--	107	--	--	--	--	110	--	--	--	--	--	--	
P21Z88E	123	--	104	--	--	--	--	108	--	--	--	--	--	--	
Barber XF	123	--	104	--	--	--	--	96	--	--	--	--	--	--	
C4M24511 E3	123	--	101	--	--	--	--	100	--	--	--	--	--	--	
B214EE	124	--	98	--	--	--	--	111	--	--	--	--	--	--	
P23Z58E	125	--	110	--	--	--	--	112	--	--	--	--	--	--	
Prosper XF	125	--	110	--	--	--	--	100	--	--	--	--	--	--	
Stine 22EH29	125	--	95	--	--	--	--	86	--	--	--	--	--	--	
Titan XF	126	--	102	--	--	--	--	100	--	--	--	--	--	--	
S25-K4XF	128	--	90	--	--	--	--	94	--	--	--	--	--	--	
LSD (0.10)			7	5	8	7	6	11	6	14	7	6			
Average yield (T/ha)			4.80	4.66	3.71	5.61	5.47	5.67	5.46	4.22	6.07	6.05			
(bu/ac)			71.1	69.1	55.0	83.2	81.2	84.0	80.9	62.6	90.1	89.8			

Testing Locations: Table 5.1			
Inwood	--	2023	2024
Palmyra	2022	2023	2024
Fingal	--	2023	--
Ridgetown	2022	2023	2024

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TABLE 5.2 AGRONOMIC DATA AT EARLY MATURITY GROUP 2 (2900-3300 HU) AREAS , CONVENTIONAL TEST 2024

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		
S16-B8	115	120	87	88	91	85	--	93	94	99	90	--	80	1.5
OAC Bruton	115	120	104	101	92	107	104	95	95	95	94	96	88	2.2
NA1800	116	121	87	87	79	93	89	100	98	100	96	95	86	1.9
HDC Blake	116	121	103	100	101	100	97	94	97	101	95	85	91	1.9
S20-W9	118	121	84	85	93	79	--	93	91	90	92	--	76	1.3
NA2000	118	123	95	98	104	94	93	94	97	101	94	98	83	1.9
OAC Aberdeen	119	123	101	100	97	102	97	95	100	94	104	101	81	1.3
Rowan	119	123	97	105	108	103	98	103	102	103	101	104	86	1.4
SG 2311	118	124	115	110	106	113	106	95	97	101	93	90	92	1.7
OAC Marvel	120	124	94	93	93	92	93	95	95	96	95	95	91	1.8
AAC 26-15	121	126	99	99	103	96	96	96	95	99	93	94	88	1.8
Tillson	122	126	110	104	96	110	107	106	108	102	113	111	86	1.3
OAC Stirling	121	126	93	100	101	99	98	100	100	100	99	98	90	1.9
Siena	122	127	111	113	110	114	110	117	114	110	117	116	87	1.9
AAC Wigle	122	127	96	95	95	95	95	95	98	99	98	98	91	1.6
DF 155	122	127	109	111	113	109	108	105	102	98	104	97	90	2.0
AAC McRae	124	128	103	98	97	98	99	113	109	112	106	105	97	1.9
NA2700	124	128	108	110	111	109	109	108	105	96	111	111	92	1.8
AAC Big Ben	126	130	103	104	109	101	102	105	104	105	104	105	99	1.9
LSD (0.10)			7	6	10	7	6	8	5	8	6	5		
Average yield (T/ha)			4.50	4.52	3.81	5.23	5.31	4.49	4.72	3.94	5.50	5.46		
(bu/ac)			66.8	67.0	56.5	77.5	78.7	66.6	70.0	58.4	81.6	80.9		

Testing Locations: Table 5.2			
Inwood	--	2023	2024
Palmyra	2022	2023	2024
Fingal	--	2023	2024
Ridgetown	2022	2023	2024

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TABLE 6.1 AGRONOMIC DATA AT LATE MATURITY GROUP 2 (3300-3500 HU) AREAS , RR TEST 2024

Variety	Days to Mature		CLAY AVG Yield Index		MERLIN Yield Index		WOODSLEE Yield Index		LOAM AVG Yield Index		CHATHAM Yield Index		HARROW 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	124	122	99	97	93	93	101	94	96	94	91	92	98	96	88	1.3
S29-R5X	128	125	101	99	94	98	103	101	98	99	95	103	104	102	92	1.5
PS 2923EN	129	126	97	100	106	--	95	--	101	102	101	--	103	--	92	1.3
S25-K4XF	129	126	102	103	102	--	104	--	97	99	103	--	95	--	84	1.2
P29A19E	129	126	103	103	106	112	101	102	105	103	106	105	99	99	93	1.3
DKB28-76XF	132	128	98	100	97	100	103	100	99	98	99	102	97	103	95	1.4
P28A65E	131	128	99	100	98	97	102	104	95	100	99	97	102	101	89	1.2
P30A75E	133	128	105	105	108	--	103	--	101	102	100	--	104	--	88	1.2
B283EE	132	129	103	102	103	--	101	--	101	103	101	--	105	--	96	1.3
S29-N5E3	133	129	93	91	93	--	90	--	97	97	99	--	94	--	83	1.3
P33A62E	135	130	98	101	105	--	97	--	100	104	110	--	97	--	98	1.3
DKB29-87XF	134	131	110	106	111	--	101	--	96	100	97	--	103	--	103	1.7
S32-J5XF	136	132	89	91	83	--	99	--	93	99	99	--	100	--	84	1.3
Varieties with one year of data																
P25A16E	127	--	101	--	--	--	--	--	110	--	--	--	--	--	--	--
P26Z78E	128	--	105	--	--	--	--	--	101	--	--	--	--	--	--	--
P28Z89E	129	--	92	--	--	--	--	--	104	--	--	--	--	--	--	--
P31Z32E	132	--	111	--	--	--	--	--	106	--	--	--	--	--	--	--
P28Z30E	133	--	106	--	--	--	--	--	102	--	--	--	--	--	--	--
Stine 28EH29	133	--	86	--	--	--	--	--	96	--	--	--	--	--	--	--
P32Z91E	133	--	103	--	--	--	--	--	103	--	--	--	--	--	--	--
LSD (0.10)			10	7	9	8	9	8	8	5	7	5	8	6		
Average yield (T/ha)			5.27	4.69	4.29	3.98	5.08	4.71	6.01	6.12	6.65	5.85	5.59	5.59		
(bu/ac)			78.2	69.5	63.6	59.1	75.4	69.9	89.1	90.8	98.7	86.8	82.9	82.9		

TABLE 6.2 AGRONOMIC DATA AT LATE MATURITY GROUP 2 (3300-3500 HU) AREAS , CONVENTIONAL TEST 2024

Variety	Days to Mature		CLAY AVG Yield Index		MERLIN Yield Index		WOODSLEE Yield Index		LOAM AVG Yield Index		CHATHAM Yield Index		HARROW 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		
HDC Blake	117	115	102	100	111	101	91	90	75	80	83	77	77	74	96	1.6
SG 2311	122	118	98	98	102	100	94	94	89	91	89	86	94	95	95	1.4
OAC Marvel	121	118	97	97	99	100	95	95	106	103	105	106	100	99	97	1.8
Siena	123	120	106	106	101	103	110	109	112	110	115	119	105	101	88	1.7
OAC Stirling	124	121	94	93	93	95	93	96	106	107	107	107	108	110	98	1.9
AAC McRae	123	122	105	105	110	111	101	101	99	101	100	101	102	97	102	1.7
AAC Wigle	124	122	92	94	91	93	96	95	108	101	99	99	105	107	96	1.4
AAC 26-15	126	123	93	93	93	91	93	95	88	88	86	91	90	91	96	1.6
DF 155	124	123	115	110	108	106	111	110	89	97	95	93	100	107	98	1.9
NA2700	127	124	93	99	89	95	108	107	114	112	115	114	109	108	94	1.9
AAC Big Ben	130	127	106	106	103	106	108	109	113	108	106	107	110	112	107	2.0
LSD (0.10)			10	7	11	9	8	6	8	6	6	5	11	9		
Average yield (T/ha)			4.89	4.45	3.99	3.82	4.91	4.51	4.82	4.99	5.56	4.96	4.41	4.48		
(bu/ac)			72.5	66.0	59.2	56.7	72.8	66.8	71.5	74.0	82.5	73.6	65.4	66.5		

Testing Locations: Tables 6.1 & 6.2			
Merlin	2022	2023	2024
Woodslee	2022	2023	2024
Chatham	2022	2023	2024
Harrow	2022	2023	2024

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 Soybean.GoCrops.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 Soybean.GoCrops.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.

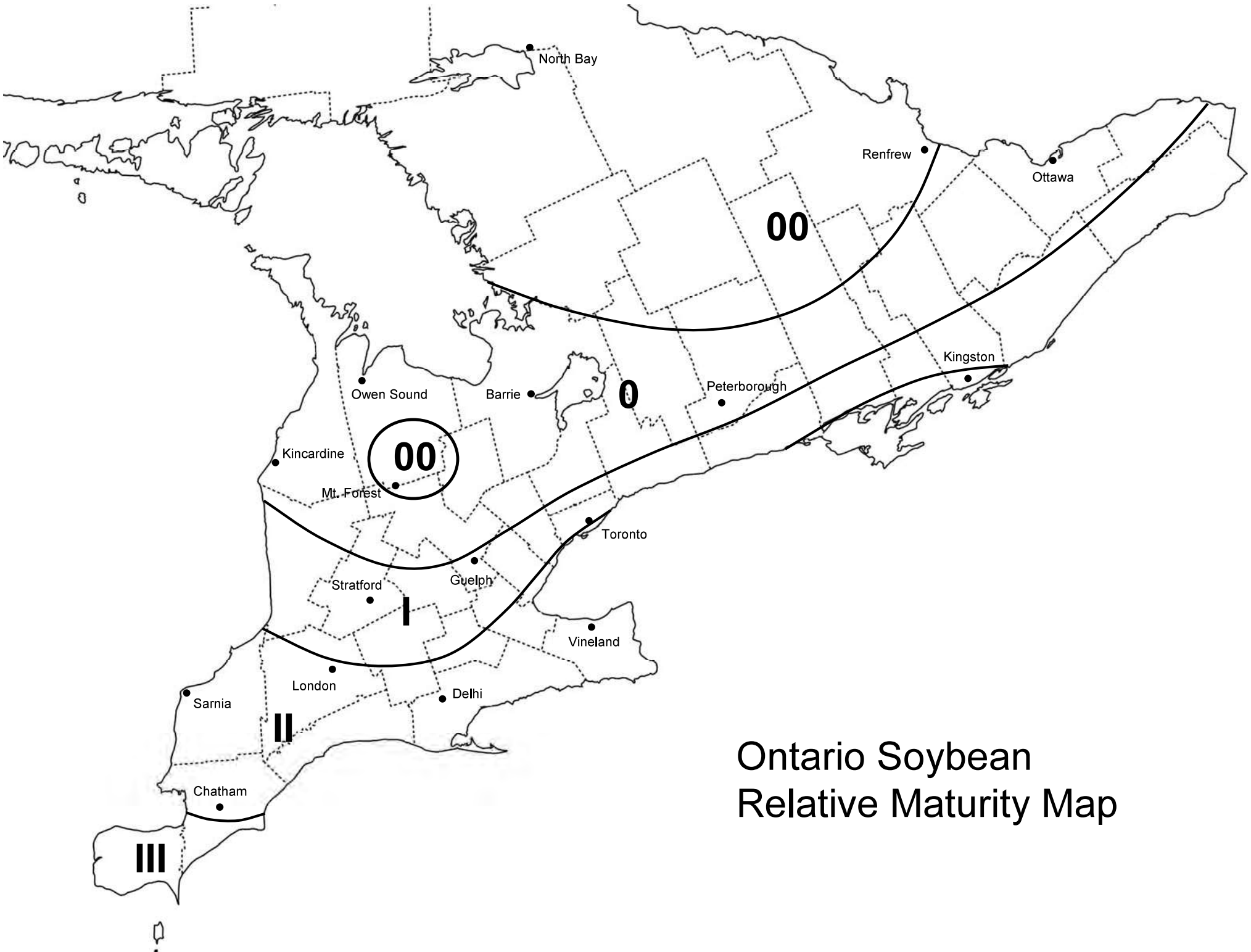
Ontario Soybean And Canola Committee
Test Locations and Soil Types - 2024 Trials

Location	Table	Relative Maturity	Soil Type	Row Width (cm)	Seeding Rate (plant/ac)	Co-operator	Trial Co-ordinator
New Liskeard	2a	00.5	clay	35	200,000	U of Guelph, New Liskeard	Ontario Crops Research Centre - New Liskeard
Dundalk	2b	00.9	loam	56	192,000	Leo Blydorp	Ontario Crops Research Centre - Winchester
Belwood	2b	0.2	clay loam	56	192,000	Jeff McDougall	Ontario Crops Research Centre - 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	Ontario Crops Research Centre - 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	Alex Gibson	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	clay 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
List of Distributors

Company	Address	City, Prov, Postal Code	Phone	Fax	Email	Website
AGRI Co-operative Ltd.	835 Park Ave. W., Chatham, ON, N7M 0N1	Chatham, ON N7M 0N1	519-380-2384	519-354-7058		www.agris.coop
Agrocentre Belcan	180 Mnt Sainte-Marie	Ste-Marthe, QC J0P 1W0	1-800-363-5146	450-459-4216		www.agrocentrebclan.com
C&M Seeds	6180 5th Line, Palmerston, ON, N0G 2P0	Palmerston, ON N0G 2P0	1-888-733-9432	519-343-3792	info@redwheat.com	www.redwheat.com
Corteva Agriscience (Pioneer)	Suite 240, 115 Quarry Park Road SE	Calgary, AB T2C 5G9	1-800-265-9435		sheila.murphy@corteva.com	ca.pioneer.com
Corteva Agriscience (Brevant)	Suite 240, 115 Quarry Park Road SE	Calgary, AB T2C 5G9	1-800-265-9435		sheila.murphy@corteva.com	www.brevant.ca
DEKALB	2-679 Southgate Drive, Guelph, ON, N1G 4S2	Guelph, ON N1G 4S2	519-767-3366			www.dekalb.ca
Hensall Co-op	1 Davidson Drive, Hensall, ON, N0M 1X0	Hensall, ON N0M 1X0	1-800-265-5190		pcornwell@hdc.on.ca	www.hensallco-op.ca
Hensall Co-op (Silverline)	1 Davidson Drive, Hensall, ON, N0M 1X0	Hensall, ON N0M 1X0	1-800-265-5190			www.hensallco-op.ca
Horizon Seeds Canada Inc.	729 Mid N. Walsingham Townline Rd	Courtland, ON N0J 1E0	519-842-5538		curtis@horizonseeds.ca	www.horizonseeds.ca
Huron Commodities Inc.	75 Wellington St., P.O Box 1353	Clinton, ON N0M 1L0	519-482-8400	519-482-8383	w.wheeler@huron.com	www.huron.com
Jackson Seed Service LTD. (Silverline)	1315 Jackson St., Dresden, ON, N0P 1M0	Dresden, ON N0P 1M0	519-683-4413			www.jacksonseedservice.com
Maizex Seeds Inc.	4488 Mint Line, Tilbury, ON, N0P 2L0	Tilbury, ON N0P 2L0	877-682-1720	519-682-2144	info@maizex.com	www.maizex.com
New Age Seeds Inc	31 Westgate Ave, Strathroy, ON, N7G 3S9	Strathroy, ON N7G 3S9	1-519-245-9143			
PRIDE Seeds	PO Box 1088, Chatham, ON, N7M 5L6	Chatham, ON N7M 5L6	1-800-265-5280	519-354-8155		www.prideseed.com
Prograin	145 Rang du Bas-de-la-Rivière N	Saint-Césaire, QC J0L 1T0	450-469-5744	450-469-4547	sylvain.legay@prograin.qc.ca	www.semencesprograin.com
Saatbau Canada inc	201, rue St Louis, 412	St Jean sur Richelieu, QC J3B 1X9	514-609-0881		Pierre.Boireau@saatbau.com	www.saatbau.com
SeCan	400-300 Terry Fox Drive	Kanata, ON K2K 0E3	1-866-797-7874	613-592-9497	seed@secan.com	www.secan.com
Semican Inc	50 Boul Industriel	Princeville, QC G6L 4P2	819-362-8823	819-362-3385	jgoulet@semican.ca	www.semican.ca
Sevita International	11451 Cameron Rd, Inkerman, ON, K0E 1J0	Inkerman, ON K0E 1J0	613-989-3000	613-989-3838	Info@sevita.com	www.sevita.com
SG Ceresco Inc	164 chemin Grande-Ligne	St-Urbain-Premier, QC J0S 1Y0	450-427-3831	450-427-2067	cpacurariu@sgceresco.com	www.sgceresco.com
Snobelen Farms Ltd.	5220 Hwy 23, RR #2, Palmerston, ON, N0G 2P0	Palmerston, ON N0G 2P0	519-343-3630	519-343-2037	tteune@snobelenfarms.com	www.snobelengrain.com
Southwest Seeds Inc.	R.R. # 1, 19686 Scane Rd.	Ridgetown, ON N0P 2C0	519-674-0054		revonmartels@gmail.com	
Stine Seeds	24734 Centre Sd. Rd, Chatham, ON, N7M 5J2	Chatham, ON N7M 5J2	519-868-8945		Dan.Foster@sollio.ag	www.stineseed.com
Synagri	5175, boulevard Laurier Est	Saint-Hyacinthe, QC J2R 2B4	450-799-3226	450-799-3229	mylene.desautels@synagri.ca	www.synagri.ca
Syngenta Canada, Inc. (NK)	15910 Medway Rd., Arva, ON, N0M 1C0	Arva, ON N0M 1C0	1-877-964-3682			www.syngenta.ca/nk
WinField United Canada	302 Wellman Lane #101	Saskatoon, SK S7T 0J1	306-249-5112		damccolm@landolakes.com	https://www.winfieldunited.ca/



Ontario Soybean
Relative Maturity Map