



2018

Ontario Soybean Variety Trials

Data Collected 2016-2018

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

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ONTARIO SOYBEAN AND CANOLA COMMITTEE (OSACC)

This organization is made up of representatives of Agriculture & Agri-Food Canada, the University of Guelph, the Ontario Seed Growers Association, the Canadian Seed Trade Association, the Grain Farmers of Ontario, OMAF and various agricultural organizations. Tests are conducted each year by AAFC research centres at Ottawa and Harrow and the University of Guelph and its regional Colleges at Kemptville and Ridgetown. Information in this brochure as well as additional variety information can be found on the web at **www.GoSoy.ca**

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Tables

Table 1. Soybean Variety Performance List and Descriptions	2
Table 2a. Agronomic Data at Early Maturity Group 00 (2100-2300 HU) Areas	9
Table 2b. Agronomic Data at Maturity Group 00 (2300-2500 HU) Areas	10
Table 3. Agronomic Data at Maturity Group 0 (2500-2800 HU) Areas	11
Table 4. Agronomic Data at Maturity Group 1 (2700-2900 HU) Areas	13
Table 5. Agronomic Data at Early Maturity Group 2 (2900-3300 HU) Areas	15
Table 6. Agronomic Data at Late Maturity Group 2 (3300-3500 HU) Areas	17
Table 7. Resistant Variety Performance in SCN Infested Fields	18

Reference

Interpretation of Tables and Results	19
Test Locations and Soil Types	20
Soybean Variety Distributors	21
Ontario Soybean Relative Maturity Map	22

Table 1. Soybean Variety Performance List and Descriptions




Variety	PBR	Notes	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Phytophthora		Distributor
							Root Rot %	Plant Loss**	
DKB0005-44		1c	RR2X	000.5	BL	6500	na		DEKALB
PS 00078 XRN		SCN 1c	RR2X	000.7	BL	6600	na		PRIDE Seeds
Dario R2X			RR2X	000.9	BR	6500	11*		Prograin
DKB0009-89		1c, 1k	RR2X	000.9	BL	5300	na		DEKALB
Fisher R2X		SCN 1k	RR2X	000.9	BL	6200	na		SeCan
PS 00095 R2			RR2Y	000.9	BL	5800	na		PRIDE Seeds
S0009-M2		6	RR2Y	000.9	IY	6000	7		Syngenta Canada, Inc.
Prince R2X		SCN 1k	RR2X	00.1	BL	6000	na		SeCan
Mahony R2			RR2Y	00.2	IBL	5300	6		SeCan
Mani R2X		SCN 1c	RR2X	00.2	LBR	5000	17*		Elite Seeds
P002A19X		1k	RR2X	00.2	IY	6900	17*		DuPont Pioneer
DKB003-29		SCN	RR2X	00.3	BL	5200	14*		DEKALB
Fjord				00.3	IY	4900	20		SG Ceresco, Inc.
PS 0035 NR2		SCN	RR2Y	00.3	BL	5100	13		PRIDE Seeds
B0040L1			RR2Y	00.4	BR	6600	na		BREVANT
Bourke R2X		1k	RR2X	00.4	BL	6200	na		SeCan
Meteor		HP		00.4	IY	4600	14		Sevita International
Mozart				00.4	Y	4200	na		Semican Inc.
PS 0044 XRN		SCN 1a	RR2X	00.4	BL	6400	12*		PRIDE Seeds
DKB005-52		SCN 1c	RR2X	00.5	BL	5800	11*		DEKALB
P005A27X		1c	RR2X	00.5	BR	5400	9*		DuPont Pioneer
PRO 2525R2			RR2Y	00.5	BL	4900	15		Sevita International
S007-Y4		1c	RR2Y	00.5	IY	5900	6		Syngenta Canada, Inc.
B0067Z1			RR2Y	00.6	BL	5300	11		BREVANT
DKB006-29		1k	RR2X	00.6	BL	5100	9*		DEKALB
DKB006-99		SCN 3a	RR2X	00.6	BL	5600	na		DEKALB
Dugaldo R2X			RR2X	00.6	Y	5600	na		Prograin
P006A37X		1c	RR2X	00.6	BR	5500	na		DuPont Pioneer
PS 0068 XR		1c	RR2X	00.6	BL	5600	na		PRIDE Seeds
S006-M4X		1c	RR2X	00.6	IY	6400	na		Syngenta Canada, Inc.
Astor			MS	00.7	Y	4300	36		Sevita International
DKB007-67		SCN 3a	RR2X	00.7	BL	5400	na		DEKALB
Kendo R2			RR2Y	00.7	GR	5100	16		Prograin
P007A90R		1c	RR	00.7	BL	5500	9*		DuPont Pioneer
PS 0074 R2			RR2Y	00.7	BR	6200	13		PRIDE Seeds
RX00797		1c	RR2X	00.7	IBL	4700	na		CROPLAN by WinField United
Windsor				00.7	LBR	4100	na		Semican Inc.
AAC Hensatto				00.8	Y	10000	na		Hensall District Co-op Inc
Astro R2			RR2Y	00.8	BL	5300	16		Prograin
Asuka				00.8	IY	4500	16		Synagri
DKB008-81			RR2X	00.8	GR	6600	18*		DEKALB
Domingo R2X			RR2X	00.8	IY	5100	22*		Prograin
LS 008R21			RR2Y	00.8	BR	5200	9		Sevita International
S008-N2			RR2Y	00.8	BR	5000	19*		Syngenta Canada, Inc.
AAC Invest 1605				00.9	Y	5400	24		Bramhill Seeds

Table 1. Soybean Variety Performance List and Descriptions







Variety	PBR	Notes	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Phytophthora		Distributor
							Root Rot %	Plant Loss**	
Akras R2		1k	RR2Y	00.9	BL	5700	11	Elite Seeds	
B0099B1			RR2Y	00.9	BL	5000	6*	BREVANT	
Hana				00.9	Y	5000	16	Prograin	
Jari				00.9	IY	4800	14	Elite Seeds	
PRO 2535R2		1k	RR2Y	00.9	BL	4700	11	Sevita International	
PS 0098 XR		1k	RR2X	00.9	BL	5900	na	PRIDE Seeds	
Nordika				0	Y	4200	10	Pedigrain	
DKB01-11		SCN 1c	RR2X	0.1	BL	5400	10*	DEKALB	
P01A84X		SCN 1c, 6	RR2X	0.1	BR	5100	na	DuPont Pioneer	
Panorama				0.1	Y	4500	10	Sevita International	
S01-C4X		1c	RR2X	0.1	BL	5700	9*	Syngenta Canada, Inc.	
Sunna R2X			RR2X	0.1	G	5800	na	Elite Seeds	
CF2608Xt		1c, 1k	RR2X	0.2	BL	5900	5*	Country Farm Seeds Ltd.	
Donaldo R2X			RR2X	0.2	BL	5400	na	Prograin	
Electra R2X		SCN 1c	RR2X	0.2	BR	5000	15*	SeCan	
Hydra R2		1k	RR2Y	0.2	IBL	5200	10	Elite Seeds	
Kyoto				0.2	Y	4800	9	Synagri	
Malto R2		SCN 1c	RR2Y	0.2	BL	4800	7	Prograin	
RX0247		1c	RR2X	0.2	IBL	5700	na	CROPLAN by WinField United	
AAC Shinju		1c		0.3	Y	9000	21	Huron Commodities Inc.	
B032R1		1k	RR2Y	0.3	BR	5900	10	BREVANT	
B039Y1			RR2Y	0.3	BL	4900	8	BREVANT	
Chikala				0.3	Y	9600	37	Huron Commodities Inc.	
PRO 03X74			RR2X	0.3	BR	5500	8*	Sevita International	
PS 0333 XRN		SCN 1c, 1k	RR2X	0.3	BL	5000	10*	PRIDE Seeds	
S03-W4		1c		0.3	IY	4700	10*	Syngenta Canada, Inc.	
B045C0				0.4	IY	5000	11	BREVANT	
DKB04-41		1c	RR2X	0.4	GR	6300	6*	DEKALB	
Excursion R2X		SCN 1c	RR2X	0.4	BL	5300	4*	SeCan	
OAC Champion				0.4	IY	4700	11	Sevita International	
OAC Strive				0.4	IY	4200	10	SeCan	
P04A60R		1k	RR	0.4	BR	4700	6*	DuPont Pioneer	
PS 0416 R2		1c	RR2Y	0.4	BL	5600	9	PRIDE Seeds	
RX Ignite		1c	RR2X	0.4	IBL	5200	na	Elite Seeds	
S04-D3		1c	RR2Y	0.4	BL	5200	12	Syngenta Canada, Inc.	
CF01GR			RR2Y	0.5	BL	5200	14	Country Farm Seeds Ltd.	
Chiba				0.5	Y	4300	na	Elite Seeds	
OAC Lakeview				0.5	Y	4700	13	SeCan	
P05T80				0.5	IY	4400	14	DuPont Pioneer	
PS 0555 XRN		SCN 1c	RR2X	0.5	BL	5900	8*	PRIDE Seeds	
S05-F9		SCN 1c	RR2Y	0.5	BL	5700	6	Syngenta Canada, Inc.	
Salto R2		3a	RR2Y	0.5	BR	5600	6*	Prograin	
Taurus				0.5	IY	4800	13	Prograin	
Vidar R2X			RR2X	0.5	BL	5700	na	Elite Seeds	
Woden R2X			RR2X	0.5	BL	5100	na	Elite Seeds	

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Variety	PBR	Notes	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Phytophthora		Distributor
							Root Rot %	Plant Loss**	
Altitude R2		3a	RR2Y	0.6	BR	4700	18	SeCan	
Cypress				0.6	Y	4900	9	Sevita International	
Deniro R2X			RR2X	0.6	BR	5600	8*	Prograin	
DKB06-43		SCN 1c	RR2X	0.6	BL	5800	6*	DEKALB	
Donar R2X		3a	RR2X	0.6	BR	5800	7*	Elite Seeds	
Expedition R2X			RR2X	0.6	GR	6000	7*	SeCan	
OAC Durham				0.6	Y	4300	6	Bramhill Seeds	
OAC Evolution				0.6	IY	4800	16	SeCan	
P06A13R		1c	RR	0.6	BF	4900	7*	DuPont Pioneer	
P06A51X		1k	RR2X	0.6	BR	4500	na	DuPont Pioneer	
PRO 2735R2C		SCN 1k	RR2Y	0.6	IBL	5300	10	Sevita International	
RX Kodiak		SCN 3a	RR2X	0.6	BL	5400	7*	Elite Seeds	
RX0636		1c	RR2X	0.6	IBL	4900	12*	CROPLAN by WinField United	
S07-D2		3a		0.6	Y	4500	6	Syngenta Canada, Inc.	
Angelica				0.7	IY	4400	18	C&M Seeds	
Denzo R2X			RR2X	0.7	IY	5800	na	Prograin	
Diego R2X			RR2X	0.7	BR	5600	na	Prograin	
Expo R2X		SCN 1k	RR2X	0.7	BL	5400	3*	SeCan	
Extent R2X		SCN 1c	RR2X	0.7	BL	5600	na	SeCan	
Genesis				0.7	Y	4400	16	Sevita International	
Marula				0.7	Y	4200	14	Prograin	
Miko R2			RR2Y	0.7	BR	5100	10	Prograin	
Nagoya				0.7	Y	5300	7	Synagri	
OAC Challenger R2			RR2Y	0.7	BR	4900	13	SeCan	
OAC Prescott				0.7	GR	4300	23	SeCan	
OAC Wallace				0.7	BR	4700	15	SeCan	
PRO 07X76N		SCN 3a	RR2X	0.7	BL	5900	7*	Sevita International	
PRO 2625R2			RR2Y	0.7	BL	4700	9	Sevita International	
PS 0777 XRN		SCN 3a	RR2X	0.7	BL	5500	8*	PRIDE Seeds	
R2C0724		SCN 1c	RR2Y	0.7	BL	5600	na	CROPLAN by WinField United	
S07-K5X		3a	RR2X	0.7	GR	4800	7*	Syngenta Canada, Inc.	
B088Y1		1k	RR2Y	0.8	Y	4600	8	BREVANT	
Cascade				0.8	Y	3600	9	Sevita International	
CF12GR			RR2Y	0.8	BL	5000	12	Country Farm Seeds Ltd.	
Draco R2X			RR2X	0.8	BR	5200	na	Prograin	
Emperor				0.8	IY	4100	20	Sevita International	
Ezra				0.8	IY	4700	6*	Prograin	
Neptune				0.8	IY	4000	12	Sevita International	
OAC Drayton				0.8	LBR	5000	5	Bramhill Seeds	
P08T96R		1c	RR	0.8	BF	4900	15	DuPont Pioneer	
PRO 08X36N		SCN 1c	RR2X	0.8	BL	5100	na	Sevita International	
S07-M8		1c		0.8	IY	4300	8	Syngenta Canada, Inc.	
Tala				0.8	Y	4500	5	Sevita International	
Vertigo R2		SCN 1k	RR2Y	0.8	Y	5200	5*	Prograin	
Absolute RR		1c	RR2Y	0.9	BL	5400	15	SeCan	

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Variety	PBR	Notes	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Phytophthora		Distributor
							Root Rot %	Plant Loss**	
B095D1		SCN	RR2Y	0.9	BR	5300	9*		BREVANT
Black Pearl				0.9	BL	4500	11		Beechwood Agri Services
CF09X9		SCN 1c, 3a	RR2X	0.9	BF	5500	na		Country Farm Seeds Ltd.
DKB09-91		SCN 3a	RR2X	0.9	BR	5400	9*		DEKALB
Gibil R2X		SCN	RR2X	0.9	BF	4800	11*		Elite Seeds
Havane				0.9	Y	4500	4		SG Ceresco, Inc.
Lassa R2X			RR2X	0.9	BL	6300	na		Elite Seeds
P09A53X		1k	RR2X	0.9	BR	4600	5*		DuPont Pioneer
P09A62X		1c	RR2X	0.9	BF	4500	na		DuPont Pioneer
P09T74R2		SCN 1c	RR2Y	0.9	BL	5600	13		DuPont Pioneer
PRO 09X236N		SCN 1c	RR2X	0.9	IBL	5600	na		Sevita International
S09-C3X		SCN 1c	RR2X	0.9	BL	4900	8*		Syngenta Canada, Inc.
S09-R8X		SCN 1c	RR2X	0.9	IY	5200	na		Syngenta Canada, Inc.
Skyline		SCN		0.9	Y	4900	6		Sevita International
Acora		1c		1	IY	4500	9		Prograin
B101C0				1	Y	4800	11		BREVANT
Expert R2X		SCN 1k	RR2X	1	BL	6200	na		SeCan
LC1070		SCN 1a		1	BL	4400	na		CROPLAN by WinField United
OAC Eve				1	IY	4300	10		SeCan
P10T48R		1c	RR	1	BF	5000	10		DuPont Pioneer
PRO 10X06N		SCN 1c	RR2X	1	BL	5600	na		Sevita International
PRO 2845R2C		SCN 1c	RR2Y	1	BL	5200	14		Sevita International
Rx Response		SCN 1c	RR2X	1	BL	4500	10*		Elite Seeds
RX1018		1c	RR2X	1	BL	5600	na		CROPLAN by WinField United
S10-R2		SCN		1	Y	4700	5		Syngenta Canada, Inc.
CF2858Xt		SCN 1c	RR2X	1.1	BR	5100	13*		Country Farm Seeds Ltd.
Eider				1.1	Y	4400	6		SG Ceresco, Inc.
Katonda R2		1k	RR2Y	1.1	BL	5200	10		Elite Seeds
Maxo R2			RR2Y	1.1	BR	5100	25		Prograin
P11A10				1.1	Y	4600	5*		DuPont Pioneer
P11A67				1.1	IY	4600	7*		DuPont Pioneer
PS 1162 R2		1c	RR2Y	1.1	BL	5900	17		PRIDE Seeds
B120L1			RR2Y	1.2	GR	5000	na		BREVANT
CF31GR		SCN 1c	RR2Y	1.2	BL	5000	5		Country Farm Seeds Ltd.
DH530				1.2	IY	4800	24		Sevita International
DKB12-57		SCN 1c, 3a	RR2X	1.2	BL	5500	10*		DEKALB
Dofino R2X			RR2X	1.2	BL	5100	2*		Prograin
Maris R2X			RR2X	1.2	BR	5700	na		Elite Seeds
OAC Adare				1.2	IY	4500	17		Hensall District Co-op Inc
PRO 12X236N		SCN 1c	RR2X	1.2	BL	4800	na		Sevita International
PS 1222 XRN		SCN 3a	RR2X	1.2	BR	5500	6*		PRIDE Seeds
S12-P3X		SCN 1k	RR2X	1.2	BR	4700	na		Syngenta Canada, Inc.
Zana				1.2	Y	4700	15		Prograin
Arius				1.3	Y	4100	15*		Prograin
Bakara		1c		1.3	IY	4100	9		Prograin

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Variety	PBR	Notes	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Phytophthora		Distributor
							Root Rot %	Plant Loss**	
CF13X9		SCN 1c	RR2X	1.3	BL	5300	na		Country Farm Seeds Ltd.
Edge R2X		SCN 1c	RR2X	1.3	BL	5000	9*		SeCan
Karra				1.3	Y	4700	11		Prograin
Mateo R2			RR2Y	1.3	BL	4700	12		Prograin
Osaka				1.3	Y	4800	8		Synagri
PS 1338 XRN		SCN 1c	RR2X	1.3	BL	5100	na		PRIDE Seeds
RX Laser		SCN 1c, 3a	RR2X	1.3	BL	5300	na		Elite Seeds
Rx Titus		SCN 1c	RR2X	1.3	IBL	6000	11*		Elite Seeds
Volcano R2			RR2Y	1.3	BR	4300	8*		Prograin
DH4173				1.4	Y	4600	13		Sevita International
DKB14-41		SCN	RR2X	1.4	IBL	5200	9*		DEKALB
P14A23L		SCN 1c	LL	1.4	BR	4900	na		DuPont Pioneer
S14-B2X		SCN 1c	RR2X	1.4	BL	5200	7*		Syngenta Canada, Inc.
S14-T7X		SCN	RR2X	1.4	BL	4400	na		Syngenta Canada, Inc.
B150Y1		1k	RR2Y	1.5	Y	4600	11		BREVANT
HDC Goshen		SCN		1.5	Y	4200	14		Hensall District Co-op Inc
Laurentian		SCN		1.5	Y	8500	na		Sevita International
P15A63X		SCN 1k	RR2X	1.5	BL	4500	17*		DuPont Pioneer
P15T46R2		SCN 1c	RR2Y	1.5	IBL	5300	10		DuPont Pioneer
RX1518		SCN 1c	RR2X	1.5	IBL	4900	na		CROPLAN by WinField United
Azalea				1.6	IY	4700	16		Sevita International
DH4202				1.6	Y	4200	24		Sevita International
Diablo R2X			RR2X	1.6	BL	5300	18*		Prograin
HDC 1600T				1.6	Y	4500	17		Hensall District Co-op Inc
Mylitta R2		SCN 1c	RR2Y	1.6	BR	5100	12		Elite Seeds
OAC Avatar				1.6	IY	4600	17		SeCan
OAC Calypso				1.6	IY	4700	18		Sevita International
OAC Prosper		SCN		1.6	Y	4800	7		Huron Commodities Inc.
P16A13X		SCN 1c	RR2X	1.6	IBL	5300	na		DuPont Pioneer
PS 1666 XRN		SCN 1c	RR2X	1.6	IBL	5300	3*		PRIDE Seeds
RX Columbia		SCN	RR2X	1.6	BL	5300	na		Elite Seeds
S14-H3		SCN		1.6	IY	4300	9		Syngenta Canada, Inc.
S16-F5		SCN 1c		1.6	Y	4100	11		Syngenta Canada, Inc.
CF3008Xt		SCN 1c	RR2X	1.7	BF	5100	19*		Country Farm Seeds Ltd.
DKB17-34		SCN 1c	RR2X	1.7	IBL	5900	2*		DEKALB
OAC Bruton		SCN		1.8	Y	4000	7		SeCan
P18A98X		SCN 1c	RR2X	1.8	IBL	4900	na		DuPont Pioneer
PRO 16X346N		SCN 3a	RR2X	1.8	BL	5300	na		Sevita International
PRO 3025R2C		SCN 1k	RR2Y	1.8	BL	5100	10		Sevita International
PS 1888 XRN		SCN 1c	RR2X	1.8	BL	5900	4*		PRIDE Seeds
Rx Stacatto		SCN	RR2X	1.8	BR	5700	6*		Elite Seeds
RX1818		SCN 1c	RR2X	1.8	IBL	4700	na		CROPLAN by WinField United
S18-G4X		SCN 1c	RR2X	1.8	BL	5000	19*		Syngenta Canada, Inc.
S18-H3X		SCN	RR2X	1.8	BL	4700	na		Syngenta Canada, Inc.
B194Y1		SCN 1c, 1k	RR2Y	1.9	BL	4900	13		BREVANT

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Variety	PBR	Notes	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Phytophthora	Distributor
							Root Rot % Plant Loss**	
B198T1		SCN	RR2Y	1.9	BR	5200	14*	BREVANT
CF19X9		SCN 1c	RR2X	1.9	IBL	5500	na	Country Farm Seeds Ltd.
HDC Blake				1.9	Y	3900	11	Hensall District Co-op Inc
P19A14X		SCN 1k	RR2X	1.9	BF	5900	16*	DuPont Pioneer
P19T39R2		SCN 1k	RR2Y	1.9	IBL	5200	13	DuPont Pioneer
DKB20-14		SCN 1c	RR2X	2	IBL	6100	9*	DEKALB
Excellence R2X		SCN 1c	RR2X	2	IBL	5500	10*	SeCan
PS 2020 XRN		SCN 1c	RR2X	2	IBL	5800	4*	PRIDE Seeds
S20-L8X		SCN 1c	RR2X	2	BL	4800	11*	Syngenta Canada, Inc.
B213C0		SCN 1c		2.1	Y	4900	10	BREVANT
B215Y1		SCN 1c	RR2Y	2.1	BL	5200	11	BREVANT
Candor				2.1	Y	4100	11	Sevita International
DKB21-11		SCN 1c	RR2X	2.1	BL	5600	10*	DEKALB
OAC Kent				2.1	Y	4300	9	SeCan
P21A20				2.1	Y	4800	11*	DuPont Pioneer
P21A28X		SCN 1k	RR2X	2.1	BL	5500	7*	DuPont Pioneer
P21A81L		SCN 1c	LL	2.1	BR	4900	na	DuPont Pioneer
Bragi R2X		SCN 1k, 3a	RR2X	2.2	IBL	5200	5*	Elite Seeds
DKB22-31		SCN 1c	RR2X	2.2	BL	5700	10*	DEKALB
Exact R2X		SCN 1c	RR2X	2.2	BL	5000	na	SeCan
NA 2300		SCN		2.2	Y	4700	8	New Age Seeds Inc
OAC Brooke				2.2	Y	4100	13	SeCan
OAC Marvel		SCN		2.2	Y	4500	6	Huron Commodities Inc.
OAC Ramsay		SCN		2.2	Y	4300	8	SeCan
P22T69R		SCN 1k	RR	2.2	BL	5600	7	DuPont Pioneer
PRO 22X76N		SCN 1c	RR2X	2.2	IBL	5300	5*	Sevita International
S22-J4X		SCN 1c	RR2X	2.2	BL	5000	5*	Syngenta Canada, Inc.
X790P		HP		2.2	Y	3900	14*	Hensall District Co-op Inc
Extra R2X		SCN 1c	RR2X	2.3	BL	5600	na	SeCan
OAC Thamesville				2.3	Y	4600	18	Southwest Seeds
P23A15X		SCN 1c	RR2X	2.3	BR	5100	na	DuPont Pioneer
P23A32X		SCN 1c	RR2X	2.3	BR	5600	na	DuPont Pioneer
Rx Velocity		SCN 1c	RR2X	2.3	BF	5500	9*	Elite Seeds
SG 2311				2.3	Y	4700	7	Huron Commodities Inc.
B244N1		SCN	RR2Y	2.4	BL	5900	13	BREVANT
DKB24-97		SCN 1c	RR2X	2.4	IBL	5700	14*	DEKALB
Express R2X		SCN 1c, 1k	RR2X	2.4	BL	5600	14*	SeCan
P24A80X		SCN 1k	RR2X	2.4	BL	6000	6*	DuPont Pioneer
PS 2444 XRN		SCN 1k	RR2X	2.4	BL	5800	9*	PRIDE Seeds
Rx Optimum		SCN 1c	RR2X	2.4	IBL	5500	7*	Elite Seeds
RX2436		1c	RR2X	2.4	IBL	6500	17*	CROPLAN by WinField United
AAC 26-15		SCN		2.5	Y	4800	11	Huron Commodities Inc.
AAC Malden		SCN		2.5	Y	4500	10	SeCan
CF3176Xt		1c	RR2X	2.5	IBL	5900	10*	Country Farm Seeds Ltd.
DF 155				2.5	Y	4700	5	AGRIS Co-operative Ltd.

Table 1. Soybean Variety Performance List and Descriptions

Variety	PBR	Notes	Herbicide Reaction	Relative Maturity†	Hilum Colour	Seeds per Kg	Phytophthora		Distributor
							Root Rot %	Plant Loss**	
Executive R2X		SCN 3a	RR2X	2.5	BR	5400	3*		SeCan
P25A54X		SCN 1c	RR2X	2.5	BL	4900	na		DuPont Pioneer
P25A65R		SCN 1c	RR	2.5	BR	5400	12*		DuPont Pioneer
PS 2555 XRN		SCN 1c	RR2X	2.5	IBL	6100	3*		PRIDE Seeds
S25-B6X		SCN 1c	RR2X	2.5	BR	5500	13*		Syngenta Canada, Inc.
CF3207Xt		SCN 1c	RR2X	2.6	DBR	5300	11*		Country Farm Seeds Ltd.
DKB26-61		SCN 1a, 1c	RR2X	2.6	BL	5400	15*		DEKALB
Equinox R2		SCN 1c, 3a	RR2Y	2.6	IBL	4700	6		SeCan
PS 2666 XRN		SCN 1c	RR2X	2.6	IBL	5500	18*		PRIDE Seeds
Vali R2X		SCN 1c	RR2X	2.6	BL	6400	8*		Elite Seeds
B270Y1		SCN 1a	RR2Y	2.7	IBL	5600	11		BREVANT
CF3256Xt		SCN 1c	RR2X	2.7	DBR	6400	10*		Country Farm Seeds Ltd.
P27A17X		SCN 1k	RR2X	2.7	BL	5700	na		DuPont Pioneer
S27-U2X		SCN 1k	RR2X	2.7	BL	5500	na		Syngenta Canada, Inc.
DKB28-81		SCN 1c	RR2X	2.8	IBL	5500	10*		DEKALB
P28A94X		SCN 1k	RR2X	2.8	IBL	5400	na		DuPont Pioneer
P28T08R		SCN 1k	RR	2.8	BL	5500	13		DuPont Pioneer
P28T62R		SCN 1k, 3a	RR	2.8	BR	5500	13		DuPont Pioneer
PS 2889XRN		SCN 1c, 1k	RR2X	2.8	IBL	7400	na		PRIDE Seeds
RX Ballistic		1c	RR2X	2.8	IBL	6000	11*		Elite Seeds
RX Regatta		SCN 1a, 1c	RR2X	2.8	BR	5700	na		Elite Seeds
P29A25X		SCN 1k	RR2X	2.9	BR	6500	na		DuPont Pioneer
S29-R5X		SCN 1k	RR2X	2.9	BR	6400	na		Syngenta Canada, Inc.
PS 3033 XRN		SCN 1c	RR2X	3	IBL	6400	4*		PRIDE Seeds
RX3015		1c	RR2X	3	IBL	5700	53*		CROPLAN by WinField United
P31A22X		SCN 1k	RR2X	3.1	BR	5600	8*		DuPont Pioneer
S31-M1X		SCN	RR2X	3.1	BL	6600	na		Syngenta Canada, Inc.
DKB32-21		SCN 1c	RR2X	3.2	IBL	6100	5*		DEKALB
DKB33-54		SCN 1k, 3a	RR2X	3.3	IBL	5800	11*		DEKALB
P33T72R		SCN 1k	RR	3.3	BL	6100	14		DuPont 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

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.

Ontario Soybean And Canola Committee

TABLE 2a.1 AGRONOMIC DATA AT MATURITY GROUP 00 (2100-2300 HU) AREAS , RR TEST 2018

Variety	Days to Mature	NEW LISKEARD Yield Index			Plant Height (cm)	Lodging 1=standing 5=flat
		1 year	2 year	3 year		
S0009-M2	113	85	94	87	78	1.4
Dario R2X	118	75	77	--	84	1.2
P002A19X	118	81	81	--	79	1.5
PS 0035 NR2	119	103	103	102	87	1.3
Akras R2	121	113	100	102	83	1.1
S008-N2	121	124	123	--	81	1.1
Mahony R2	121	121	124	112	84	1.7
P005A27X	121	110	94	--	74	1.0
DKB005-52	121	107	106	--	80	1.2
DKB003-29	122	113	102	--	85	1.3
S007-Y4	123	103	103	100	81	1.5
PS 0044 XRN	124	91	94	--	82	1.6
DKB006-29	125	106	103	--	87	1.6
Kendo R2	125	99	95	97	95	1.4
B0067Z1	128	101	102	--	83	1.5
Astro R2	129	110	98	100	90	1.4
DTM (1yr)						
DKB0005-44	105	83	--	--	--	--
Fisher R2X	105	82	--	--	--	--
Lassa R2X	105	91	--	--	--	--
Prince R2X	105	92	--	--	--	--
PS 00078 XRN	105	82	--	--	--	--
PS 00095 R2	105	90	--	--	--	--
DKB0009-89	106	102	--	--	--	--
Bourke R2X	107	110	--	--	--	--
S006-M4X	109	97	--	--	--	--
P006A37X	111	107	--	--	--	--
B0040L1	112	92	--	--	--	--
Dugaldo R2X	112	93	--	--	--	--
PS 0068 XR	112	97	--	--	--	--
Sunna R2X	113	101	--	--	--	--
PS 0074 R2	114	119	--	--	--	--
DKB006-99	117	92	--	--	--	--
DKB007-67	117	106	--	--	--	--
PS 0098 XR	120	117	--	--	--	--
LSD (0.10)		8	7	5		
Average yield (T/ha)		2.84	2.71	2.93		
(bu/ac)		42.1	40.2	43.5		

Testing Locations: Table 2a.1			
New Liskeard	2016	2017	2018

Ontario Soybean And Canola Committee

TABLE 2.1 AGRONOMIC DATA AT MATURITY GROUP 00 (2300-2500 HU) AREAS , RR TEST 2018

Variety	Days to Mature	AVERAGE Yield Index			ARTHUR Yield Index		DUNDALK Yield Index		ELORA Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
		1 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year		
P007A90R	110	80	87	--	94	--	77	--	86	--	62	1.2
S007-Y4	110	90	85	86	81	82	82	83	91	93	60	1.3
Hydra R2	112	95	97	98	94	97	98	97	99	99	68	1.4
S008-N2	112	101	101	--	100	--	107	--	98	--	75	1.8
B0067Z1	113	102	101	95	98	93	104	96	101	97	63	1.3
PS 0074 R2	113	107	105	100	99	96	114	103	105	101	70	1.9
DKB006-29	114	94	96	--	93	--	102	--	95	--	64	1.4
S01-C4X	114	97	89	--	90	--	76	--	98	--	67	1.3
LS 008R21	115	109	110	106	113	106	119	111	100	102	72	1.7
Domingo R2X	115	89	83	--	75	--	78	--	93	--	63	1.4
Kendo R2	116	97	95	93	92	93	94	90	98	96	74	1.3
DKB008-81	116	110	96	--	97	--	90	--	98	--	66	1.2
PRO 2525R2	116	102	103	94	102	92	107	94	100	95	77	1.4
Astro R2	118	113	103	100	106	105	104	96	100	98	76	1.5
B0099B1	118	118	115	--	111	--	125	--	112	--	66	1.3
Mani R2X	119	118	102	--	107	--	84	--	109	--	72	1.9
Salto R2	119	108	104	--	109	--	99	--	104	--	62	1.1
PRO 2535R2	119	106	109	105	109	108	112	104	106	104	81	1.6
S05-F9	120	114	106	108	110	111	107	108	100	106	70	1.3
CF01GR	124	120	114	115	119	118	119	118	105	109	78	1.5
DTM (1yr)												
Mahony R2	110	83	--	--	--	--	--	--	--	--	--	--
S006-M4X	111	92	--	--	--	--	--	--	--	--	--	--
Dugaldo R2X	112	79	--	--	--	--	--	--	--	--	--	--
PS 0068 XR	112	86	--	--	--	--	--	--	--	--	--	--
DKB007-67	113	93	--	--	--	--	--	--	--	--	--	--
DKB006-99	113	80	--	--	--	--	--	--	--	--	--	--
RX00797	114	89	--	--	--	--	--	--	--	--	--	--
Maris R2X	115	97	--	--	--	--	--	--	--	--	--	--
PS 0098 XR	115	102	--	--	--	--	--	--	--	--	--	--
P01A84X	117	100	--	--	--	--	--	--	--	--	--	--
DKB04-41	118	110	--	--	--	--	--	--	--	--	--	--
CF2608Xt	120	119	--	--	--	--	--	--	--	--	--	--
LSD (0.10)		7	5	4	9	6	12	8	7	6		
Average yield (T/ha)		3.01	2.68	2.87	2.94	3.11	2.06	2.37	3.04	3.13		
(bu/ac)		44.7	39.8	42.6	43.7	46.1	30.6	35.1	45.1	46.5		

Testing Locations: Table 2.1			
Arthur	2016	2017	2018
Dundalk	2016	2017	2018
Elora	2016	2017	2018

Ontario Soybean And Canola Committee

TABLE 3.1 AGRONOMIC DATA AT MATURITY GROUP 0 (2500-2800 HU) AREAS , RR TEST 2018

Variety	Days to Mature	AVERAGE Yield Index			BRUSSELS Yield Index		ELORA Yield Index		OTTAWA Yield Index		PORT HOPE Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
		1 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year		
S01-C4X	112	94	91	--	88	--	95	--	96	--	87	--	72	1.3
PRO 03X74	113	101	100	--	100	--	98	--	96	--	107	--	70	1.3
S04-D3	113	100	98	96	104	98	99	96	96	95	96	93	75	1.3
Electra R2X	113	91	83	--	88	--	81	--	81	--	83	--	76	1.3
LS 008R21	113	92	93	93	89	88	97	95	95	95	92	92	73	1.5
Astro R2	114	94	92	91	97	93	99	94	87	87	87	89	74	1.5
PRO 2535R2	115	94	95	91	96	91	94	91	94	88	95	93	82	2.0
DKB04-41	115	97	93	--	92	--	93	--	87	--	99	--	66	1.2
P04A60R	115	97	97	--	101	--	97	--	94	--	98	--	73	1.4
DKB01-11	116	90	87	--	76	--	94	--	89	--	89	--	68	1.6
CF2608Xt	116	94	95	--	102	--	100	--	95	--	85	--	82	1.7
Malto R2	116	103	104	--	106	--	106	--	101	--	103	--	66	1.3
PS 0333 XRN	116	90	92	--	92	--	91	--	93	--	92	--	75	1.4
Excursion R2X	117	99	100	--	105	--	99	--	96	--	100	--	84	1.8
PS 0555 XRN	117	95	93	--	82	--	93	--	93	--	102	--	72	1.9
B032R1	117	95	97	95	105	99	95	94	97	96	90	92	65	1.5
PS 0777 XRN	117	94	98	--	90	--	94	--	99	--	108	--	71	1.3
S05-F9	117	98	96	--	99	--	91	--	98	--	98	--	75	1.2
Salto R2	117	100	99	--	104	--	94	--	97	--	100	--	67	1.1
Expedition R2X	117	100	100	--	102	--	104	--	91	--	101	--	67	1.3
PS 0416 R2	117	96	101	98	110	102	98	98	103	100	92	91	71	1.3
Deniro R2X	118	92	95	--	92	--	92	--	96	--	99	--	65	1.4
DKB06-43	118	97	96	--	99	--	95	--	96	--	95	--	76	1.4
P06A13R	119	102	100	--	93	--	105	--	107	--	96	--	63	1.1
PRO 2735R2C	119	108	107	106	108	105	109	106	96	99	117	114	70	1.1
B039Y1	119	102	107	103	111	105	107	106	106	101	104	101	80	1.6
PRO 2625R2	119	104	102	100	100	99	105	102	101	98	104	103	78	1.4
S07-K5X	119	105	106	--	98	--	110	--	106	--	111	--	75	1.2
Donar R2X	119	98	102	--	108	--	106	--	102	--	94	--	74	1.4
CF12GR	119	102	102	98	105	98	104	100	101	98	97	97	82	1.9
Expo R2X	119	98	96	--	90	--	100	--	103	--	93	--	85	2.1
Miko R2	119	117	111	108	105	103	115	110	113	111	112	110	78	1.9
RX0636	119	95	89	--	90	--	91	--	88	--	89	--	79	1.7
DKB09-91	119	106	97	--	86	--	98	--	97	--	106	--	77	1.6
CF01GR	119	100	99	98	103	100	93	96	103	98	99	99	83	2.1
RX Kodiak	120	101	101	--	95	--	100	--	108	--	100	--	75	1.6
P08T96R	120	99	102	100	106	102	97	98	106	104	99	97	72	1.1
PRO 07X76N	120	103	103	--	102	--	107	--	110	--	93	--	84	1.7
P09T74R2	120	107	106	103	108	103	103	102	108	104	106	102	76	1.2
Altitude R2	120	113	112	110	109	108	109	108	111	109	118	116	71	1.1
Absolute RR	120	103	101	100	101	99	101	101	102	100	100	101	79	1.4
Vertigo R2	120	104	105	--	107	--	97	--	109	--	109	--	72	1.2
OAC Challenger R2	120	101	99	99	99	98	99	97	107	106	92	97	90	2.4
B095D1	121	109	104	--	100	--	107	--	105	--	105	--	71	1.5
S09-C3X	121	107	108	--	107	--	102	--	104	--	119	--	76	1.7
B088Y1	121	116	114	109	115	108	111	107	114	109	116	110	77	1.4
P09A53X	121	108	111	--	118	--	109	--	109	--	106	--	77	1.1
Katonda R2	122	109	109	--	110	--	109	--	111	--	106	--	77	1.1
Rx Response	123	108	109	--	108	--	110	--	107	--	112	--	79	1.7
DTM (1yr)														
Dugaldo R2X	107	74	--	--	--	--	--	--	--	--	--	--	--	--
Donaldo R2X	110	84	--	--	--	--	--	--	--	--	--	--	--	--
Diego R2X	111	94	--	--	--	--	--	--	--	--	--	--	--	--
Woden R2X	113	101	--	--	--	--	--	--	--	--	--	--	--	--
RX Ignite	113	97	--	--	--	--	--	--	--	--	--	--	--	--
RX0247	113	89	--	--	--	--	--	--	--	--	--	--	--	--
Denzo R2X	114	97	--	--	--	--	--	--	--	--	--	--	--	--
PRO 09X236N	114	105	--	--	--	--	--	--	--	--	--	--	--	--
CF09X9	115	97	--	--	--	--	--	--	--	--	--	--	--	--
Draco R2X	115	97	--	--	--	--	--	--	--	--	--	--	--	--
P06A51X	115	102	--	--	--	--	--	--	--	--	--	--	--	--
PRO 08X36N	116	102	--	--	--	--	--	--	--	--	--	--	--	--
S09-R8X	116	106	--	--	--	--	--	--	--	--	--	--	--	--
Extent R2X	116	101	--	--	--	--	--	--	--	--	--	--	--	--
R2C0724	116	105	--	--	--	--	--	--	--	--	--	--	--	--
B120L1	117	104	--	--	--	--	--	--	--	--	--	--	--	--
P09A62X	118	110	--	--	--	--	--	--	--	--	--	--	--	--
S12-P3X	118	107	--	--	--	--	--	--	--	--	--	--	--	--
CF2858Xt	120	104	--	--	--	--	--	--	--	--	--	--	--	--
LSD (0.10)		6	4	3	11	7	7	5	6	5	9	7		
Average yield (T/ha)		4.03	3.58	3.73	3.57	3.99	3.47	3.52	3.52	3.72	3.77	3.69		
(bu/ac)		59.7	53.1	55.3	53.0	59.2	51.4	52.2	52.2	55.2	56.0	54.7		

Testing Locations: Table 3.1			
Brussels	2016	2017	2018
Elora	2016	2017	2018
Ottawa	2016	2017	2018
Lindsay	2016	2017	--
Port Hope	--	--	2018

Ontario Soybean And Canola Committee

TABLE 3.2 AGRONOMIC DATA AT MATURITY GROUP 0 (2500-2800 HU) AREAS , CONVENTIONAL TEST 2018

Variety	Days to Mature	AVERAGE Yield Index			BRUSSELS Yield Index		ELORA Yield Index		OTTAWA Yield Index		PORT HOPE Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
		1 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year		
Fjord	106	62	64	63	58	58	61	62	62	59	75	72	65	1.4
Meteor	110	88	84	83	81	80	86	86	83	81	87	84	71	1.5
Jari	112	96	93	92	97	95	100	99	80	82	98	95	79	1.9
AAC Invest 1605	112	87	85	86	91	88	88	92	80	79	82	84	73	2.3
Chikala	113	80	75	76	77	79	82	80	71	72	71	75	69	1.5
Hana	114	95	93	96	89	97	100	98	94	95	90	93	68	1.2
AAC Shinju	114	80	79	79	81	81	86	84	75	75	75	78	78	1.8
Asuka	115	93	92	95	88	91	93	94	93	100	92	95	67	1.2
Panorama	115	100	100	99	105	102	102	102	98	96	98	96	63	1.2
Astor	115	87	93	92	92	91	94	91	96	98	90	88	67	1.3
S03-W4	115	96	96	--	94	--	96	--	93	--	103	--	75	1.4
Kyoto	116	95	97	100	86	94	98	99	98	102	103	105	73	1.2
S10-R2	116	106	103	103	110	110	96	100	102	102	104	101	77	1.5
S07-D2	117	103	99	98	98	96	102	99	97	98	101	99	86	1.7
OAC Lakeview	117	104	105	105	99	101	102	101	111	109	105	108	78	1.6
OAC Strive	117	102	99	101	105	104	95	97	94	99	103	103	79	1.5
S07-M8	118	103	106	106	107	108	102	105	111	112	101	99	72	1.2
Taurus	118	91	94	103	85	96	99	106	98	108	93	102	86	1.5
OAC Champion	118	98	97	96	95	97	98	94	99	99	94	93	83	1.8
Marula	118	108	105	105	102	103	103	100	107	108	106	108	84	1.1
Nordika	118	96	101	105	101	103	99	102	102	106	103	110	80	1.5
Cypress	119	113	109	111	112	114	112	115	108	108	105	109	74	1.1
OAC Durham	119	106	102	103	107	105	113	108	93	97	99	101	71	1.9
Nagoya	119	100	103	103	106	106	101	102	107	106	97	99	72	1.1
OAC Drayton	119	108	110	111	113	111	110	110	108	112	109	111	77	1.3
OAC Eve	119	109	108	107	104	105	108	109	111	107	108	107	78	1.4
Cascade	119	96	98	--	102	--	92	--	102	--	94	--	83	1.3
Angelica	119	108	109	109	110	111	105	109	112	112	107	106	85	1.4
P05T80	119	106	107	106	106	105	106	106	112	109	103	105	84	1.3
OAC Evolution	119	115	109	109	108	107	107	106	111	114	109	107	80	1.2
Osaka	120	103	105	106	102	105	101	104	105	103	110	112	74	1.5
Neptune	120	107	108	107	101	105	105	104	110	110	113	110	72	1.2
Ezra	120	126	121	--	125	--	123	--	123	--	115	--	82	1.2
Tala	120	116	114	112	123	119	110	110	112	111	113	110	80	1.4
B045C0	120	110	105	105	97	101	109	107	103	101	109	109	82	1.3
Genesis	122	113	115	112	117	114	117	114	115	112	110	109	80	1.4
Emperor	122	115	112	110	118	114	103	108	114	109	115	110	72	1.1
Skyline	123	107	106	106	107	107	98	100	111	111	108	107	86	1.4
DTM (1yr)														
Mozart	106	84	--	--	--	--	--	--	--	--	--	--	--	--
AAC Hensatto	107	63	--	--	--	--	--	--	--	--	--	--	--	--
OAC Prescott	114	119	--	--	--	--	--	--	--	--	--	--	--	--
Windsor	115	96	--	--	--	--	--	--	--	--	--	--	--	--
Chiba	116	104	--	--	--	--	--	--	--	--	--	--	--	--
OAC Wallace	117	106	--	--	--	--	--	--	--	--	--	--	--	--
LSD (0.10)		6	4	3	13	8	7	5	8	7	9	7		
Average yield (T/ha)		3.62	3.42	3.43	2.95	3.29	3.16	3.40	3.92	3.58	3.66	3.43		
(bu/ac)		53.7	50.7	50.8	43.7	48.9	46.8	50.4	58.1	53.1	54.3	51.0		

Testing Locations: Table 3.2			
Brussels	2016	2017	2018
Elora	2016	2017	2018
Ottawa	2016	2017	2018
Lindsay	2016	2017	--
Port Hope	--	--	2018

Ontario Soybean And Canola Committee

TABLE 4.1 AGRONOMIC DATA AT MATURITY GROUP 1 (2700-2900 HU) AREAS , RR TEST 2018

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	3 year	2 year	3 year	2 year	2 year	3 year	2 year	3 year		
Miko R2	123	95	99	98	85	95	101	108	100	103	100	88	1.6
DKB09-91	124	95	95	--	103	--	95	92	--	91	--	88	1.3
P09A53X	125	91	97	--	92	--	93	101	--	104	--	87	1.2
S09-C3X	125	98	98	--	101	--	98	95	--	99	--	84	1.5
Gibil R2X	125	93	97	--	97	--	93	94	--	103	--	94	1.3
PS 1666 XRN	126	91	94	--	97	--	95	92	--	91	--	94	1.3
Maxo R2	126	98	101	101	95	102	97	109	101	101	102	90	1.4
P10T48R	126	99	97	98	99	103	90	97	96	100	99	81	1.3
PRO 2845R2C	126	104	100	98	99	103	100	100	93	103	96	84	1.3
B095D1	126	92	96	--	95	--	96	102	--	90	--	81	1.3
PS 1222 XRN	126	101	99	--	103	--	104	98	--	93	--	92	1.4
Dofino R2X	127	98	101	--	98	--	93	104	--	107	--	91	1.6
B088Y1	127	96	103	100	89	95	105	118	106	103	96	89	1.3
Rx Titus	128	101	100	--	103	--	100	96	--	99	--	97	1.6
DKB12-57	128	100	101	--	106	--	97	104	--	94	--	93	1.4
CF2858Xt	128	76	87	--	95	--	84	83	--	83	--	92	1.4
S14-B2X	129	97	95	--	105	--	97	88	--	89	--	85	1.4
B150Y1	129	89	97	96	87	93	98	105	101	100	92	90	1.4
PS 1162 R2	129	92	92	90	87	90	88	97	90	96	95	94	1.2
Edge R2X	129	98	100	--	98	--	99	104	--	101	--	91	1.3
DKB14-41	129	100	100	--	106	--	101	99	--	94	--	90	1.5
P15T46R2	130	103	103	101	100	102	107	103	98	103	101	92	1.5
Volcano R2	130	97	100	--	103	--	101	95	--	103	--	89	1.6
P15A63X	130	104	104	--	106	--	101	102	--	107	--	85	1.4
Diablo R2X	131	106	100	--	104	--	103	92	--	102	--	91	1.3
S18-G4X	131	111	103	--	106	--	110	94	--	103	--	93	1.5
PS 1888 XRN	131	104	102	--	110	--	98	100	--	100	--	90	1.6
Mylitta R2	132	103	104	104	96	102	107	104	103	109	106	89	1.4
CF31GR	132	104	111	107	107	109	113	117	107	107	103	96	1.6
Mateo R2	133	95	98	98	86	90	102	104	100	103	101	95	1.4
CF3008Xt	133	111	105	--	115	--	104	101	--	99	--	89	1.2
P19T39R2	133	108	106	104	109	110	104	103	100	107	104	97	1.3
PRO 3025R2C	135	109	111	109	110	109	121	110	107	104	104	99	1.5
P19A14X	135	116	109	--	112	--	114	99	--	113	--	95	1.5
DTM (1yr)													
CF09X9	123	90	--	--	--	--	--	--	--	--	--	--	--
S09-R8X	124	98	--	--	--	--	--	--	--	--	--	--	--
PRO 10X06N	125	89	--	--	--	--	--	--	--	--	--	--	--
S07-K5X	125	91	--	--	--	--	--	--	--	--	--	--	--
RX1018	126	96	--	--	--	--	--	--	--	--	--	--	--
B120L1	127	95	--	--	--	--	--	--	--	--	--	--	--
Expert R2X	127	84	--	--	--	--	--	--	--	--	--	--	--
P09A62X	128	97	--	--	--	--	--	--	--	--	--	--	--
S12-P3X	128	106	--	--	--	--	--	--	--	--	--	--	--
RX Laser	129	97	--	--	--	--	--	--	--	--	--	--	--
Vidar R2X	129	99	--	--	--	--	--	--	--	--	--	--	--
Rx Response	129	102	--	--	--	--	--	--	--	--	--	--	--
S14-T7X	130	103	--	--	--	--	--	--	--	--	--	--	--
PS 1338 XRN	131	100	--	--	--	--	--	--	--	--	--	--	--
CF13X9	131	102	--	--	--	--	--	--	--	--	--	--	--
PRO 12X236N	132	97	--	--	--	--	--	--	--	--	--	--	--
RX1518	133	105	--	--	--	--	--	--	--	--	--	--	--
RX Columbia	134	109	--	--	--	--	--	--	--	--	--	--	--
S18-H3X	135	103	--	--	--	--	--	--	--	--	--	--	--
PRO 16X346N	135	104	--	--	--	--	--	--	--	--	--	--	--
P16A13X	136	98	--	--	--	--	--	--	--	--	--	--	--
RX1818	137	119	--	--	--	--	--	--	--	--	--	--	--
CF19X9	139	117	--	--	--	--	--	--	--	--	--	--	--
P18A98X	139	99	--	--	--	--	--	--	--	--	--	--	--
B194Y1	141	119	--	--	--	--	--	--	--	--	--	--	--
B198T1	141	109	--	--	--	--	--	--	--	--	--	--	--
LSD (0.10)		6	4	3	7	5	8	7	5	9	7		
Average yield (T/ha)		4.57	4.27	4.43	4.59	4.63	4.03	4.30	4.64	4.18	4.22		
(bu/ac)		67.7	63.4	65.7	68.1	68.6	59.8	63.8	68.9	62.0	62.6		

Testing Locations: Table 4.1			
Exeter	2016	2017	2018
St. Marys	--	2017	2018
Winchester	2016	2017	2018
Woodstock	2016	2017	2018

Ontario Soybean And Canola Committee

TABLE 4.2 AGRONOMIC DATA AT MATURITY GROUP 1 (2700-2900 HU) AREAS , CONVENTIONAL TEST 2018

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	3 year	2 year	3 year	2 year	3 year	2 year	3 year	2 year	3 year		
S10-R2	121	94	92	92	106	102	93	91	84	89	84	87	89	2.1
Nagoya	122	97	96	94	95	94	96	95	96	92	98	96	87	1.1
B101C0	123	93	99	99	100	101	101	103	100	98	96	95	87	1.2
Kyoto	123	86	86	87	88	91	79	81	92	91	81	83	78	1.2
Karra	123	93	96	97	97	99	87	90	99	99	101	99	87	1.6
Osaka	124	94	94	94	99	97	92	91	94	96	92	92	86	1.5
Neptune	124	95	99	--	100	--	95	--	102	--	97	--	86	1.3
Havane	124	98	99	100	94	94	98	103	104	105	99	99	92	1.4
Tala	125	102	100	100	92	93	103	103	104	103	100	101	94	1.6
Black Pearl	125	91	91	95	88	90	90	90	95	107	87	90	98	1.6
S14-H3	125	105	102	99	114	109	99	96	96	93	101	97	85	1.4
Acora	126	99	99	102	92	96	97	101	105	106	103	105	99	1.5
DH4173	127	97	96	97	94	93	96	97	100	99	94	99	94	1.2
Eider	127	101	103	102	93	92	103	103	103	100	116	113	100	1.9
P11A10	127	106	105	--	109	--	97	--	106	--	105	--	98	1.6
P11A67	127	102	107	--	102	--	101	--	109	--	114	--	93	1.3
Genesis	127	102	101	--	94	--	104	--	103	--	101	--	88	1.9
Skyline	127	99	95	93	96	94	98	95	98	96	88	89	96	1.8
S16-F5	128	104	97	98	116	112	98	97	86	92	89	91	83	1.3
DH530	128	94	97	99	107	108	99	99	87	91	98	99	91	1.5
Bakara	129	100	99	97	92	91	98	98	109	105	98	95	99	1.5
Zana	129	111	107	107	100	99	107	105	111	112	110	114	99	1.4
DH4202	129	103	103	103	103	104	98	99	103	103	108	106	89	1.3
OAC Avatar	130	112	107	107	106	105	113	113	104	104	107	107	96	1.8
OAC Adare	130	101	101	100	99	101	96	97	104	99	105	102	93	1.3
HDC Goshen	130	107	100	99	104	98	106	104	93	92	98	101	105	1.5
Azalea	130	113	114	114	127	126	113	114	108	109	106	107	90	1.6
OAC Calypso	131	111	109	110	100	102	117	113	113	116	107	108	99	1.8
Arius	131	94	92	--	85	--	97	--	93	--	92	--	104	1.7
HDC 1600T	131	105	103	103	102	104	103	103	100	99	108	108	90	1.6
OAC Prosper	132	109	105	104	102	101	112	110	97	100	109	107	92	2.3
HDC Blake	133	103	103	103	96	98	109	105	99	101	108	110	103	1.6
Candor	134	106	104	103	108	104	106	103	102	102	102	101	96	1.7
DTM (1yr)														
Nordika	120	77	--	--	--	--	--	--	--	--	--	--	--	--
Cascade	122	91	--	--	--	--	--	--	--	--	--	--	--	--
Cypress	125	94	--	--	--	--	--	--	--	--	--	--	--	--
LC1070	129	97	--	--	--	--	--	--	--	--	--	--	--	--
P14A23L	130	113	--	--	--	--	--	--	--	--	--	--	--	--
Laurentian	138	99	--	--	--	--	--	--	--	--	--	--	--	--
LSD (0.10)		5	4	3	6	5	7	6	8	6	8	6		
Average yield (T/ha)		4.04	4.00	4.04	4.03	4.26	3.75	3.62	4.56	4.54	3.66	3.75		
(bu/ac)		59.9	59.3	60.0	59.8	63.3	55.6	53.7	67.7	67.3	54.3	55.7		

Testing Locations: Table 4.2			
Exeter	2016	2017	2018
St. Marys	2016	2017	2018
Winchester	2016	2017	2018
Woodstock	2016	2017	2018

Ontario Soybean And Canola Committee

TABLE 5.1 AGRONOMIC DATA AT EARLY MATURITY GROUP 2 (2900-3300 HU) AREAS , RR TEST 2018

Variety	Days to Mature	CLAY AVG Yield Index		INWOOD Yield Index	PALMYRA Yield Index		LOAM AVG Yield Index		RIDGETOWN Yield Index		TALBOTVILLE Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
		1 year	2 year	2 year	2 year	3 year	1 year	2 year	2 year	3 year	2 year	3 year		
S18-G4X	120	96	99	--	103	--	99	96	95	--	96	--	85	1.4
Excellence R2X	121	94	91	--	93	--	104	94	94	--	93	--	83	1.4
PS 2020 XRN	122	101	101	--	99	--	93	95	97	--	92	--	86	1.4
P19T39R2	122	103	98	104	94	95	113	110	110	100	110	102	90	1.4
Rx Stacatto	122	89	86	--	90	--	105	102	101	--	103	--	86	1.9
DKB17-34	122	94	91	--	91	--	86	88	87	--	90	--	88	1.7
B215Y1	123	92	93	86	97	95	103	100	98	97	103	101	86	1.4
DKB21-11	123	97	96	--	96	--	102	100	98	--	103	--	91	1.7
PRO 3025R2C	123	114	108	109	104	102	105	106	111	101	99	96	88	1.1
P22T69R	123	111	104	95	100	101	94	96	96	91	95	97	88	1.1
P19A14X	123	105	102	--	100	--	105	97	92	--	104	--	86	1.4
Express R2X	123	106	104	--	101	--	94	98	100	--	96	--	90	1.7
DKB22-31	123	98	99	--	102	--	95	98	101	--	95	--	87	1.7
S20-L8X	124	101	101	--	107	--	101	95	89	--	104	--	85	1.6
B194Y1	124	102	101	103	106	104	101	112	120	105	101	98	92	1.6
PS 2555 XRN	124	107	108	--	104	--	102	101	102	--	99	--	92	1.4
Bragi R2X	125	102	105	--	107	--	87	93	95	--	91	--	87	1.4
DKB20-14	125	101	104	--	101	--	91	97	97	--	97	--	92	1.6
P21A28X	125	110	106	--	99	--	103	100	100	--	100	--	85	1.1
B198T1	125	97	99	--	100	--	97	97	98	--	96	--	84	1.3
PS 2444 XRN	125	99	98	--	88	--	93	91	91	--	92	--	86	1.7
RX2436	125	103	102	--	100	--	98	100	99	--	101	--	95	1.6
Rx Velocity	126	98	97	--	95	--	94	94	92	--	97	--	87	1.4
S22-J4X	126	101	100	--	102	--	99	96	91	--	104	--	82	1.3
S25-B6X	126	94	101	--	105	--	99	102	97	--	110	--	89	1.4
P24A80X	126	109	108	--	109	--	102	108	113	--	100	--	91	1.0
Vali R2X	126	67	77	--	88	--	93	101	99	--	104	--	93	1.6
Rx Optimum	127	106	107	--	105	--	96	101	100	--	103	--	94	1.9
CF3207Xt	127	108	107	--	106	--	100	103	105	--	100	--	90	1.6
CF3176Xt	127	113	109	--	105	--	86	93	92	--	96	--	96	2.0
PRO 22X76N	127	101	102	--	100	--	105	112	112	--	113	--	99	1.7
Equinox R2	127	104	103	105	101	102	106	106	107	106	106	106	96	1.6
Executive R2X	127	108	108	--	111	--	107	108	100	--	119	--	84	1.6
B244N1	128	94	98	92	102	102	96	105	109	105	100	98	87	1.4
DKB24-97	128	102	100	--	98	--	105	104	102	--	106	--	87	1.3
DKB26-61	128	75	82	--	87	--	92	99	102	--	94	--	96	1.7
P25A65R	129	92	96	--	106	--	95	96	101	--	90	--	89	1.4
B270Y1	129	97	98	105	96	98	100	100	101	94	99	101	94	1.6
PS 2666 XRN	129	108	104	--	100	--	96	101	101	--	101	--	88	1.6
DKB28-81	130	100	102	--	102	--	102	104	106	--	100	--	92	1.6
DTM (1yr)														
RX Columbia	120	99	--	--	--	--	97	--	--	--	--	--	--	--
PRO 16X346N	121	100	--	--	--	--	99	--	--	--	--	--	--	--
CF3008Xt	121	98	--	--	--	--	106	--	--	--	--	--	--	--
S18-H3X	121	99	--	--	--	--	94	--	--	--	--	--	--	--
CF19X9	122	107	--	--	--	--	104	--	--	--	--	--	--	--
Extra R2X	124	75	--	--	--	--	98	--	--	--	--	--	--	--
Exact R2X	125	101	--	--	--	--	103	--	--	--	--	--	--	--
P23A32X	126	112	--	--	--	--	111	--	--	--	--	--	--	--
P27A17X	129	110	--	--	--	--	104	--	--	--	--	--	--	--
P23A15X	130	98	--	--	--	--	114	--	--	--	--	--	--	--
P25A54X	130	111	--	--	--	--	118	--	--	--	--	--	--	--
RX Ballistic	130	98	--	--	--	--	102	--	--	--	--	--	--	--
CF3256Xt	131	95	--	--	--	--	106	--	--	--	--	--	--	--
LSD (0.10)		12	10	15	10	8	12	8	8	6	15	10		
Average yield (T/ha)		5.14	4.65	4.48	4.39	4.33	4.76	4.36	5.08	5.54	3.65	4.19		
(bu/ac)		76.3	69.0	66.4	65.1	64.3	70.6	64.7	75.3	82.1	54.1	62.2		

Testing Locations: Table 5.1			
Inwood	2016	--	2018
Palmyra	2016	2017	2018
Ridgetown	2016	2017	2018
Talbotville	2016	2017	2018

Ontario Soybean And Canola Committee

TABLE 5.2 AGRONOMIC DATA AT EARLY MATURITY GROUP 2 (2900-3300 HU) AREAS , CONVENTIONAL TEST 2018

Variety	Days to Mature	CLAY AVG Yield Index		INWOOD Yield Index		PALMYRA Yield Index		LOAM AVG Yield Index		RIDGETOWN Yield Index		TALBOTVILLE Yield Index		Plant Height (cm)	Lodging 1=standing 5=flat
		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 Goshen	119	95	89	88	87	89	93	97	97	96	99	97	92	91	1.9
OAC Prosper	120	105	102	93	87	110	107	98	99	101	101	97	99	84	2.1
HDC 1600T	121	93	84	79	88	88	92	102	97	98	100	95	98	78	1.3
P21A20	122	91	94	95	--	93	--	110	110	113	--	105	--	84	1.3
HDC Blake	122	108	114	121	115	107	103	106	105	100	101	113	107	91	1.4
OAC Bruton	122	108	107	110	105	105	105	104	101	99	98	104	101	88	1.6
OAC Kent	123	102	97	95	97	100	98	103	102	101	103	102	104	88	1.8
OAC Marvel	123	96	100	103	101	99	99	107	107	106	103	108	105	97	1.9
B213C0	124	100	100	99	105	100	101	94	95	99	103	91	98	83	1.5
Candor	124	96	100	100	103	100	98	104	100	102	100	97	98	82	1.8
OAC Ramsay	124	97	100	92	93	107	105	104	98	103	102	91	98	94	1.4
NA 2300	124	94	101	101	101	101	101	89	97	98	98	96	96	102	1.8
X790P	125	87	88	90	93	87	86	70	79	75	78	85	82	90	2.1
SG 2311	125	108	105	105	106	105	103	96	98	91	94	106	105	90	1.5
OAC Brooke	125	110	108	110	109	107	108	107	109	111	109	107	107	84	1.7
OAC Thamesville	126	97	103	101	102	105	100	108	109	104	104	118	114	90	1.6
AAC 26-15	128	100	101	106	99	96	100	91	91	95	96	85	88	93	1.6
DF 155	128	104	105	110	108	101	100	95	106	109	109	102	107	89	1.7
DTM (1yr)															
P21A81L	127	110	--	--	--	--	--	114	--	--	--	--	--	--	--
LSD (0.10)		14	10	16	11	11	8	12	7	10	8	11	8		
Average yield (T/ha)		4.54	3.64	3.41	3.69	3.88	4.33	4.30	4.00	4.75	5.07	3.25	3.58		
(bu/ac)		67.3	54.0	50.5	54.8	57.5	64.2	63.8	59.3	70.4	75.2	48.2	53.1		

Testing Locations: Table 5.2			
Inwood	2016	2017	2018
Palmyra	2016	2017	2018
Ridgetown	2016	2017	2018
Talbotville	2016	2017	2018

Ontario Soybean And Canola Committee

TABLE 6.1 AGRONOMIC DATA AT LATE MATURITY GROUP 2 (3300-3500 HU) AREAS , RR TEST 2018

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	2 year	3 year	2 year	3 year	1 year	2 year	2 year	3 year	2 year	3 year		
PS 2555 XRN	117	99	98	98	--	98	--	103	99	100	--	98	--	82	1.2
CF3176Xt	118	96	101	98	--	102	--	96	94	97	--	92	--	80	1.3
CF3207Xt	118	93	93	94	--	93	--	98	100	105	--	94	--	81	1.0
S25-B6X	118	95	93	89	--	96	--	100	102	102	--	103	--	80	1.0
B244N1	119	96	96	98	100	94	96	93	93	89	94	97	94	77	1.0
PS 2666 XRN	121	109	103	104	--	102	--	102	102	104	--	100	--	77	1.2
Executive R2X	121	100	103	94	--	109	--	103	97	94	--	100	--	75	1.1
B270Y1	121	107	105	103	102	106	107	90	95	94	97	95	98	79	1.1
PS 3033 XRN	121	106	107	114	--	102	--	96	99	95	--	104	--	82	1.1
CF3256Xt	121	94	101	97	--	104	--	101	99	103	--	96	--	80	1.1
P28T62R	122	99	100	102	105	97	97	100	102	101	105	103	103	83	1.0
RX Ballistic	122	102	102	99	--	105	--	96	98	99	--	98	--	90	1.3
DKB28-81	123	108	104	109	--	100	--	102	103	104	--	102	--	84	1.0
P28T08R	123	91	95	93	99	96	96	99	100	98	100	102	103	79	1.0
DKB32-21	125	97	99	101	--	98	--	104	100	101	--	99	--	82	1.2
P31A22X	125	104	102	103	--	101	--	106	105	107	--	104	--	78	1.2
DKB33-54	126	110	103	109	--	98	--	110	106	105	--	108	--	80	1.2
P33T72R	126	94	97	96	94	97	104	99	104	103	104	105	101	82	1.0
DTM (1yr)															
RX2436	114	100	--	--	--	--	--	95	--	--	--	--	--	--	--
Extra R2X	115	96	--	--	--	--	--	105	--	--	--	--	--	--	--
Rx Optimum	116	98	--	--	--	--	--	100	--	--	--	--	--	--	--
S27-U2X	117	108	--	--	--	--	--	103	--	--	--	--	--	--	--
S29-R5X	117	101	--	--	--	--	--	96	--	--	--	--	--	--	--
PS 2889XRN	118	91	--	--	--	--	--	93	--	--	--	--	--	--	--
RX Regatta	119	114	--	--	--	--	--	102	--	--	--	--	--	--	--
P28A94X	120	98	--	--	--	--	--	99	--	--	--	--	--	--	--
RX3015	121	99	--	--	--	--	--	104	--	--	--	--	--	--	--
P29A25X	122	96	--	--	--	--	--	102	--	--	--	--	--	--	--
S31-M1X	123	98	--	--	--	--	--	103	--	--	--	--	--	--	--
LSD (0.10)		9	6	12	9	7	7	8	5	8	7	7	7		
Average yield (T/ha)		4.24	4.25	3.61	3.66	4.89	4.78	4.54	4.73	4.75	5.19	4.71	4.44		
(bu/ac)		62.8	63.1	53.6	54.3	72.6	70.9	67.3	70.1	70.4	77.0	69.8	65.8		

TABLE 6.2 AGRONOMIC DATA AT LATE MATURITY GROUP 2 (3300-3500 HU) AREAS , CONVENTIONAL TEST 2018

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	2 year	3 year	2 year	3 year	1 year	2 year	2 year	3 year	2 year	3 year		
OAC Marvel	113	98	97	97	97	97	94	97	96	98	97	94	93	90	1.1
SG 2311	114	100	100	96	92	102	99	105	100	103	100	97	101	85	1.1
OAC Thamesville	115	102	103	105	106	101	104	97	100	102	102	98	101	85	1.0
AAC 26-15	117	98	96	91	93	99	96	104	103	103	101	102	95	88	1.1
DF 155	118	107	108	115	113	103	106	97	102	100	106	104	106	87	1.2
AAC Malden	119	95	97	97	99	98	102	100	99	95	94	104	104	89	1.3
LSD (0.10)		6	5	8	7	7	8	8	6	10	7	7	10		
Average yield (T/ha)		3.91	3.91	3.24	3.31	4.58	4.52	4.12	4.03	4.12	4.63	3.94	4.19		
(bu/ac)		58.0	58.0	48.1	49.1	68.0	67.1	61.2	59.8	61.1	68.6	58.5	62.1		

Testing Locations: Tables 6.1 & 6.2			
Merlin	2016	2017	2018
Woodslee	2016	2017	2018
Chatham	2016	2017	2018
Malden	2016	2017	2018

TABLE 7. RESISTANT VARIETY PERFORMANCE IN SCN INFESTED FIELDS

Round-up Ready Varieties*

Variety	Average of 6 Tests (2016-2018)		Average of 4 Tests (2017-2018)		Source of Resistance
	Days to Maturity	Yield Index (%)	Days to Maturity	Yield Index (%)	
B095D1	--	--	109	83	PI 88788
B215Y1	117	127	117	116	PI 88788
B198T1	--	--	118	130	PI 88788
B194Y1	118	133	119	118	PI 88788
B244N1	120	132	120	119	PI 88788
B270Y1	123	126	124	114	PI 88788
DS268V1	124	132	124	122	PI 88788
** Susceptible Yield Index is:		100%	100%		
Susceptible Yield (RR):		3.16 T/ha 46.9 bu/ac	3.47 T/ha 51.5 bu/ac		

Conventional Varieties

Variety	Average of 6 Tests (2016-2018)		Average of 4 Tests (2017-2018)		Source of Resistance
	Days to Maturity	Yield Index (%)	Days to Maturity	Yield Index (%)	
OAC Prosper	114	125	114	135	PI 88788
B213C0	116	120	117	130	PI 88788
OAC Marvel	116	128	117	133	PI 88788
AAC 26-15	121	130	122	131	PI 88788
DKB26-61	--	--	125	144	Peking
** Susceptible Yield Index is:		100%	100%		
Susceptible Yield (Conv):		2.86 T/ha 42.5 bu/ac	2.82 T/ha 41.8 bu/ac		

* Roundup Ready (RR) varieties, tested under a RR management system.

** Susceptible Yield Index is based on three high yielding susceptible varieties.

Test locations had moderate to high SCN infestations of 3,000 to 6,000 eggs/100g soil.

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)

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

Based on three year average in a field heavily infested with Phytophthora. Not all races of Phytophthora root rot are found at these sites. The relative ranking of varieties for plant loss may differ in fields that have other races present.

Disease Testing Information

Phytophthora root rot testing is carried out on clay soils infested with common races of Phytophthora at Woodslee. White Mold variety ratings will be listed on the web at www.Gosoy.ca as they become available. SCN tests are done in collaboration with variety sponsors and the SCN Resistant Variety Development project. For further information, contact soyinfo@oopsc.org.

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. A 2-year average is shown.

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.

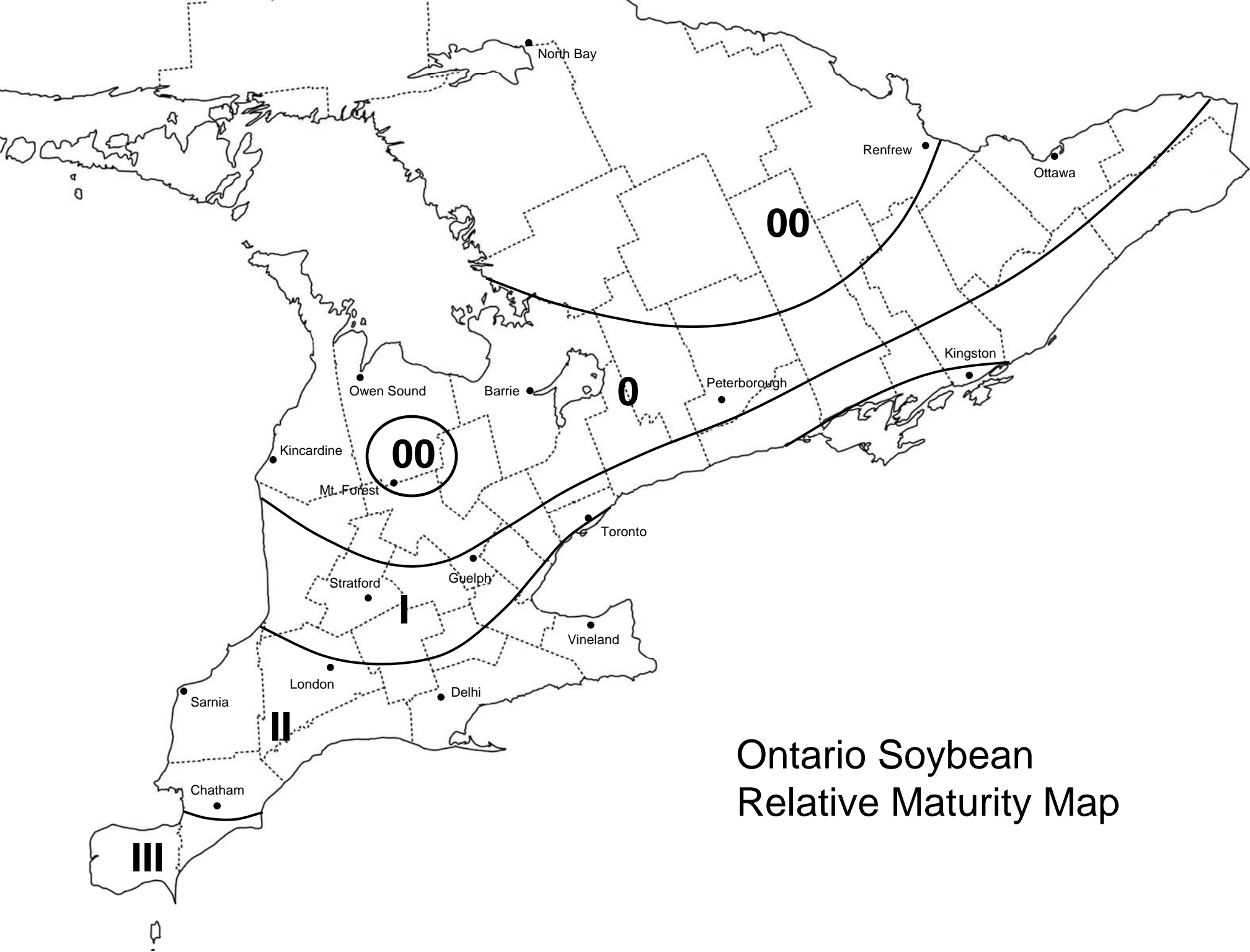
Test Locations and Soil Types - 2018 Trials

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	U of Guelph, New Liskeard
Dundalk	2b	00.9	loam	56	168,000	Leo Blydorp	ORDC, AAFC, Ottawa
Arthur	2b	0.2	clay loam	56	168,000	Doug Shaw	ORDC, AAFC, Ottawa
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
Brussels	3	0.7	loam	56	168,000	Neil Mitchell	ORDC, AAFC, Ottawa
Port Hope	3	1.0	sandy loam	56	168,000	Bruce Hendry	ORDC, AAFC, Ottawa
Winchester	4	1.0	silt loam	Twin (48, 28)*	200,000	U of Guelph, Winchester	U of Guelph, Winchester
Woodstock	4	1.8	clay loam	35	200,000	Bob Hart	OAC, U of Guelph
Exeter	4	1.7	clay loam	38	200,000	Gordon Jones	Ridgetown Campus, U of Guelph
St. Marys	4	1.5	clay loam	35	200,000	Alex Gibson	OAC, U of Guelph
Talbotville	5	2.3	clay loam	48	168,000	Richard and John Andrews	Ridgetown Campus, U of Guelph
Palmyra	5	2.7	clay	43	200,000	Richard Wierenga	Ridgetown Campus, U of Guelph
Inwood	5	2.4	clay	43	200,000	Jeff Lassaline	Ridgetown Campus, U of Guelph
Ridgetown	5	2.8	clay loam	43	160,000	Ridgetown Campus, U of Guelph	Ridgetown Campus, U of Guelph
Chatham	6	2.9	clay loam	43	160,000	Wonnacott Farms Ltd.	Ridgetown Campus, U of Guelph
Merlin	6	3.1	clay	43	200,000	Grant Guy	Ridgetown Campus, U of Guelph
Woodslee	6	3.3	clay	46	200,000	Research Centre, AAFC, Harrow	HRDC, AAFC, Harrow
Malden	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.

Soybean Variety Distributors

Distributor	Address	Telephone	Fax	Internet
AGRIS Co-operative Ltd.	835 Park Ave. W., Chatham, ON, N7M 0N1	519-380-2384	519-354-7058	www.agris.coop
Beechwood Agri Services	123 King St, Parkhill, ON, N0M 2K0	1-877-294-0474		www.beechwoodagri.com
Bramhill Seeds	5220 Hwy 23, RR #2, Palmerston, ON, N0G 2P0	519-343-3630	519-343-2037	www.bramhillseeds.com carl@bramhillseeds.com
BREVANT	Calgary, AB, T2P 1M4	1-800-667-3852		https://engage.brevant.com/en-ca
C&M Seeds	6180 5th Line, Palmerston, ON, N0G 2P0	1-888-733-9432	519-343-3792	www.redwheat.com info@redwheat.com
Country Farm Seeds Ltd.	P.O. Box 790, 18814 Communication Road, Blenheim, ON, N0P 1A0	1-800-449-3990	519-676-9633	www.countryfarmseeds.com heather.coatsworth@countryfarmseeds.com
DEKALB	900-One Research Road, Winnipeg, MB, R3T 6E3	1-800-667-4944	1-800-556-5565	www.dekalb.ca
Elite Seeds	Maizex Seeds Inc., RR #2 Tilbury, ON, N0P 2L0	519-682-1720	519-682-2144	www.maizex.com www.eliteseeds.ca
Hensall District Co-op Inc.	Box 219, 1 Davidson Drive, Hensall, ON, N0M 1X0	519-262-3002	519-262-3412	www.hdc.on.ca pcornwell@hdc.on.ca
Huron Commodities Inc.	75 Wellington St., P.O Box 1353, Clinton, ON, N0M 1L0	519-482-8400	519-482-8383	www.huron.com w.wheeler@huron.com
New Age Seeds Inc	P.O. Box 722, Mount Brydges, ON, N0L 1W0	519-245-9143		
Pedigrain	5175 Boul. Laurier Est, St Hyacinthe, QC, J2R 2B4	450-405-3537	450-799-3229	
Pioneer Hi-Bred	PO Box 730, 7398 Queen's Line, Chatham, ON, N7M 5L1	1-800-265-9435	519-380-2014	www.pioneer.com/Canada david.harwood@pioneer.com
PRIDE Seeds	PO Box 1088, Chatham, ON, N7M 5L6	1-800-265-5280	519-354-8155	www.prideseed.com
Prograin	145 Bas Riviere Nord, St-Cesaire, QC, J0L 1T0	450-469-5744	450-469-4547	www.semencesprograin.com
SeCan	400-300 Terry Fox Drive, Kanata, ON, K2E 0E3	1-866-797-7874	613-592-9497	www.secan.com
Sevita International	11451 Cameron Rd, Inkerman, ON, K0E 1J0	613-989-3000	613-989-3838	www.sevita.com
SG Ceresco Inc	164 chemin Grande-Ligne, St-Urbain-Premier, QC, J0S 1Y0	450-427-3831	450-427-2067	www.sgceresco.com
Southwest Seeds Inc.	R.R. # 1, 19686 Scane Rd., Ridgetown, ON, N0P 2C0	519-674-0054		revonmartels@gmail.com
Syngenta Canada, Inc.	140 Research Lane, Guelph, ON, N1G 4Z3	1-888-366-4211	1-888-717-7122	www.nkcanada.com
WinField United Canada	101-302 Wellman Lane, Saskatoon, SK, S7T 0J1	306-249-5112		https://www.winfieldunited.ca/



Ontario Soybean
Relative Maturity Map