

2011

Ontario Soybean Variety Trials

Data Collected 2009-2011

Conducted by the Ontario Oil and Protein Seed Crop Committee • www.GoSoy.ca

Research conducted and reported by:



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ONTARIO OIL & PROTEIN SEED CROP COMMITTEE (OOPSCC)

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, OMAFRA and the Oilseed Crushers. 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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**Tom Welacky
Soybean Data Coordinator
OOPSCC
Box 947
Harrow ON NOR 1G0
Email: soyinfo@oopscc.org.**

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Table 1. Soybean Variety Performance List and Descriptions

Variety	Notes	Herbicide Reaction	Relative Maturity*	Hilium Colour	Seeds per Kg	Phytophthora		Distributor
						Root Rot % Plant Loss**	Seed Supply	
Bloomfield	F		00.6	Y	4500	9		Mike Snobelen Farms Ltd.
Chadburn R2		RR2Y	00.6	BL	5700	na		SeCan
Misty			00.6	IY	5200	6		PRO Seeds of Canada
Murano R2		RR2Y	00.6	BL	4900	7*		Prograin
900Y71	1c	RR	00.7	IY	5300	1*		Pioneer Hi-Bred Ltd.
Toma			00.7	IY	4700	3		Prograin
900Y81	1c	RR	00.8	BR	4900	7*		Pioneer Hi-Bred Ltd.
LS 008R21		RR2Y	00.8	BR	5500	3*		PRO Seeds of Canada
Sampsa R2	1c	RR2Y	00.8	IBL	5500	na	NA	Elite Seeds
25-10RY	1c	RR2Y	00.9	BL	5100	4*		DEKALB
Jari	F		00.9	IY	5000	1*		Elite Seeds
Pekko R2		RR2Y	000	BL	5900	na	NA	Elite Seeds
90M01	1k	RR	0.0	Y	5700	2		Pioneer Hi-Bred Ltd.
Drew			0.1	IY	5000	2		C&M Seeds
NSC Jaden RR2Y		RR2Y	0.1	BL	5900	2*		Elite Seeds
OAC Madoc	F		0.1	Y	4700	3		SeCan
S01-K8		RR2Y	0.1	BL	5900	na		Syngenta Canada, Inc.
90Y20	1k	RR	0.2	BR	5600	3		Pioneer Hi-Bred Ltd.
90Y21	1k	RR	0.2	Y	4900	2*		Pioneer Hi-Bred Ltd.
Kyoto			0.2	Y	4600	3*		Synagri
PS 0242 R2		RR2Y	0.2	BL	5400	4*		PRIDE Seeds
90M30	F		0.3	IY	4700	0*		Pioneer Hi-Bred Ltd.
90Y30		RR	0.3	IY	5400	5		Pioneer Hi-Bred Ltd.
Chikala	F		0.3	Y	10000	5		Huron Commodities Inc.
Colt	1k	RR2Y	0.3	BL	5800	3*		SeCan or Elite Seeds
DH420	F		0.3	LBR	4200	1		Hendrick Seeds
DH618			0.3	LBR	5000	2		Hendrick Seeds
Laka R2		RR2Y	0.3	BL	5300	na		Elite Seeds
PS 0340 R2	1c	RR2Y	0.3	IBL	5900	2		PRIDE Seeds
RR2 Bronze	1c	RR2Y	0.3	BL	4700	na	NA	Maizex Seeds Inc.
S03-W4	F 1c		0.3	IY	4700	1		Syngenta Canada, Inc.
26-10RY		RR2Y	0.4	GR	5800	4		DEKALB
90M40	1k	RR	0.4	BL	5200	0		Pioneer Hi-Bred Ltd.
Kassidy	F		0.4	IY	4800	7		PRO Seeds of Canada
Naya	1c		0.4	IY	4800	3		Prograin or Pride Seeds
OAC Champion	F		0.4	IY	4600	5		PRO Seeds of Canada

Table 1. Soybean Variety Performance List and Descriptions, continued...

Variety	Notes	Herbicide Reaction	Relative Maturity*	Hilium Colour	Seeds per Kg	Phytophthora		Distributor
						Root Rot %	Seed Supply	
Savanna			0.4	IY	4600	3		PRO Seeds of Canada
CF01GR		RR2Y	0.5	BL	5200	6*	NA	Country Farm Seeds Ltd.
Etna	F		0.5	IY	4700	3*		Elite Seeds
Heather	F		0.5	Y	4200	3		Mike Snobelen Farms Ltd.
HS 05RYS25	SCN	RR2Y	0.5	BR	5400	na		Hyland Seeds
Krios	F		0.5	Y	5600	5*		Elite Seeds
OAC Lakeview	F		0.5	Y	4700	4		SeCan
OAC Wellington			0.5	Y	4600	4		SeCan
PRO 2635R2	1k	RR2Y	0.5	BL	5700	3*		PRO Seeds of Canada
R2T0510		RR2Y	0.5	BL	5500	1*		Land O'Lakes, Inc.
S05-T6	F 1c		0.5	IY	4600	3		Syngenta Canada, Inc.
Saska			0.5	IY	5200	2		Prograin
27-10RY	1k	RR2Y	0.6	IY	5100	0*		DEKALB
90M60	1c	RR	0.6	BR	4700	3		Pioneer Hi-Bred Ltd.
CF02GR		RR2Y	0.6	BL	5800	2*	NA	Country Farm Seeds Ltd.
DH710	F		0.6	Y	8600	2		Hendrick Seeds
PS 0650 R2	1k	RR2Y	0.6	BR	4400	2		PRIDE Seeds
S07-D2	F 3a		0.6	Y	4200	2		Syngenta Canada, Inc.
90Y70	1k	RR	0.7	BR	5100	3		Pioneer Hi-Bred Ltd.
CF11GR	1k	RR2Y	0.7	BL	5100	4*		Country Farm Seeds Ltd.
HDC 2701	F HP		0.7	IY	4000	4		Hensall District Co-op Inc
HS 07RY27	1a	RR2Y	0.7	BL	5300	na	LS	Hyland Seeds
Madison			0.7	BR	5100	3		Hyland Seeds
Mundo R2		RR2Y	0.7	BR	4600	3*		Prograin
PRO 275			0.7	IY	4600	2		PRO Seeds of Canada
PS 0753 R2	3a	RR2Y	0.7	BR	5300	na		PRIDE Seeds
27-60RY	1c	RR2Y	0.8	BL	5200	1		DEKALB
Black Pearl			0.8	BL	4200	2*		PRO Seeds or Beechwood
CF12GR		RR2Y	0.8	BL	4800	4*		Country Farm Seeds Ltd.
Dares	F		0.8	IY	4500	1		Elite Seeds

NOTES:

***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.

1a, 1c, etc. - Phytoph. resist. genes

F - Food Type
 HP - High Protein
 SCN - SCN Resistant
 L-LA - Low-Linolenic Acid

Herbicide Reaction

RR - Roundup Ready
 RR2Y - Roundup Ready 2 Yield
 LL - Liberty Link

Seed Supply

LS - Limited Supply
 NA - Not Available

Table 1. Soybean Variety Performance List and Descriptions, continued...

Variety	Notes	Herbicide Reaction	Relative Maturity*	Hilium Colour	Seeds per Kg	Phytophthora		Distributor
						Root Rot %	Seed Supply	
Maheo R2		RR2Y	0.8	BL	5700	na		Elite Seeds
Medea R2		RR2Y	0.8	BL	4800	na	NA	Elite Seeds
OAC Sunny			0.8	IY	5200	5		PRO Seeds of Canada
RR2 Cobalt	SCN	RR2Y	0.8	IBL	5600	3		Maizex Seeds Inc.
S05-B3	1k	RR2Y	0.8	BL	5300	1*		Syngenta Canada, Inc.
90Y90	1c	RR	0.9	BR	4800	4*		Pioneer Hi-Bred Ltd.
Absolute RR	1c	RR2Y	0.9	BL	5100	5		SeCan
Blade RR		RR2Y	0.9	IBL	6400	7		SeCan
Destiny			0.9	IY	4400	6		PRO Seeds of Canada
HS 09C02			0.9	Y	4400	3		Hyland Seeds
Maxo R2		RR2Y	0.9	BR	4800	8*		Prograin
OAC Blythe	F		0.9	BL	5200	6		Mike Snobelen Farms Ltd.
OAC Wallace	F		0.9	BR	4900	1		SeCan
PRO 2835R2	1c	RR2Y	0.9	BL	5700	3		PRO Seeds of Canada
R2T0980		RR2Y	0.9	BL	5100	2*		Land O'Lakes, Inc.
S09-L6	F 3a		0.9	Y	4000	4		Syngenta Canada, Inc.
SR PICOR	F		0.9	IY	4500	2*		SG Ceresco, Inc.
5A090RR2		RR2Y	1.0	IBL	5500	3		Mycogen Canada
91M01	1k	RR	1.0	BR	5100	4		Pioneer Hi-Bred Ltd.
CF30GR	SCN 1c	RR2Y	1.0	IBL	5300	2*	NA	Country Farm Seeds Ltd.
Furio	F 1c		1.0	IY	4200	2		Woodrill Ltd.
S10-G7		RR2Y	1.0	BR	4500	4*		Syngenta Canada, Inc.
28-60RY	SCN 1k	RR2Y	1.1	BL	4900	2		DEKALB
28-61RY		RR2Y	1.1	IBL	5600	4		DEKALB
91M10			1.1	Y	4900	2*		Pioneer Hi-Bred Ltd.
Acora	1c		1.1	IY	4600	1		Prograin or Pride Seeds
Colby			1.1	Y	4300	2		Hyland Seeds
DH405-2	F		1.1	Y	4000	3*		Hendrick Seeds
DH530	F		1.1	IY	4800	6		Hendrick Seeds
EIDER	F		1.1	Y	4400	2*		SG Ceresco, Inc.
HS 11RY07		RR2Y	1.1	BL	5600	6		Hyland Seeds
Kanata			1.1	IY	4400	3*		Prograin
Mirada RR		RR2Y	1.1	BL	5200	na		SeCan
PRO 2825R2C	SCN 1k	RR2Y	1.1	BL	5300	6*		PRO Seeds of Canada
PS 1162 R2	1c	RR2Y	1.1	BL	5800	4*		PRIDE Seeds
PS 1165 LL	1k	LL	1.1	BL	4300	2*		PRIDE Seeds

Table 1. Soybean Variety Performance List and Descriptions, continued...

Variety	Notes	Herbicide Reaction	Relative Maturity*	Hilium Colour	Seeds per Kg	Phytophthora		Distributor
						Root Rot % Plant Loss**	Seed Supply	
RR2 Platinum	1c	RR2Y	1.1	IBL	5000	na	NA	Maizex Seeds Inc.
Soido R2	1k	RR2Y	1.1	BL	5600	0*		Elite Seeds
Bakara	F 1c		1.2	IY	3700	4		Prograin
CF31GR	SCN 1c	RR2Y	1.2	BL	5300	2*		Country Farm Seeds Ltd.
DH4173	F		1.2	Y	4500	2*		Hendrick Seeds
OAC Ginty	F		1.2	BR	4900	3		SeCan
OAC Purdy	F		1.2	Y	4700	2		SeCan
PRO 2935R2C	SCN 1c	RR2Y	1.2	BL	6100	3*		PRO Seeds of Canada
S12-A5	1c, 3a		1.2	BR	4600	5		Syngenta Canada, Inc.
S12-R7	1k	RR2Y	1.2	IBL	5500	3		Syngenta Canada, Inc.
Stargazer	F		1.2	Y	4000	2		Hendrick Seeds
Endurance R2	1k	RR2Y	1.3	IBL	5700	9*		SeCan
HL 35	F HP		1.3	BL	4300	na		Hyland Seeds
HS 13C38			1.3	Y	4600	5		Hyland Seeds
OAC Prodigy			1.3	IY	4400	1		PRO Seeds of Canada
PRO 2925R2C	SCN 1c	RR2Y	1.3	IBL	5700	3		PRO Seeds of Canada
RR2 Titanium	SCN	RR2Y	1.3	BL	5700	5		Maizex Seeds Inc.
91M41	1k	RR	1.4	BL	5800	3		Pioneer Hi-Bred Ltd.
91Y41	SCN	RR	1.4	BR	5300	6*		Pioneer Hi-Bred Ltd.
Abra RR	SCN 1k	RR2Y	1.4	IBL	5200	3		SeCan
CF21GR		RR2Y	1.4	BL	5200	12*		Country Farm Seeds Ltd.
HS 14RYS02	SCN	RR2Y	1.4	IBL	4900	2		Hyland Seeds
OAC Perth	F		1.4	IY	4700	2		SeCan
R2T1449	1k	RR2Y	1.4	BL	5400	2		Land O'Lakes, Inc.
S14-M4	SCN	RR2Y	1.4	BL	4900	3*		Syngenta Canada, Inc.
29-60RY	1c	RR2Y	1.5	IBL	5400	5		DEKALB
5A130RR2		RR2Y	1.5	BL	5600	7		Mycogen Canada
HDC Goshen	F SCN		1.5	Y	4400	3		Hensall District Co-op Inc
OAC Calypso	F		1.5	IY	4800	1		PRO Seeds of Canada
S15-B4		RR2Y	1.5	BL	5800	5		Syngenta Canada, Inc.

NOTES:

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1a, 1c, etc. - Phytoph. resist. genes

F - Food Type
 HP - High Protein
 SCN - SCN Resistant
 L-LA - Low-Linolenic Acid

Herbicide Reaction

RR - Roundup Ready
 RR2Y - Roundup Ready 2 Yield
 LL - Liberty Link

Seed Supply

LS - Limited Supply
 NA - Not Available

Table 1. Soybean Variety Performance List and Descriptions, continued...

Variety	Notes	Herbicide Reaction	Relative Maturity*	Hilium Colour	Seeds per Kg	Phytophthora		Distributor
						Root Rot %	Seed Supply	
S15-C2	F SCN 1c		1.5	BL	4000	4		Syngenta Canada, Inc.
91Y61		RR	1.6	BR	4900	5*		Pioneer Hi-Bred Ltd.
DH410SCN	F SCN		1.6	Y	5200	5		Hendrick Seeds
DH4202	F		1.6	Y	4800	2*		Hendrick Seeds
HDC 1600T	F		1.6	Y	4700	2		Hensall District Co-op Inc
Katrina			1.6	IY	4400	2		PRO Seeds of Canada
PS 1670 NR2	SCN 1k	RR2Y	1.6	BL	5200	3		PRIDE Seeds
S16-J4	SCN 1c	RR2Y	1.6	IBL	5900	2*		Syngenta Canada, Inc.
30-10RY	SCN	RR2Y	1.7	IBL	5700	0*		DEKALB
30-11RY	SCN 1c	RR2Y	1.8	BL	6900	4*		DEKALB
91Y80	SCN 1k, 6	RR	1.8	BL	5200	4		Pioneer Hi-Bred Ltd.
HS 18RY09		RR2Y	1.8	IBL	5600	3		Hyland Seeds
HS 18RYS13	SCN 1c	RR2Y	1.8	IBL	5800	1*		Hyland Seeds
OAC Merion	F		1.8	Y	4400	2		SeCan
PRO 30-05	F		1.8	IY	4900	5		PRO Seeds of Canada
RR2 Gold	SCN 1k	RR2Y	1.8	BL	5300	4*		Maizex Seeds Inc.
S18-R6	F SCN 1a		1.8	Y	4700	6		Syngenta Canada, Inc.
91Y90		RR	1.9	BR	6400	5		Pioneer Hi-Bred Ltd.
HDC Blake	F		1.9	Y	4000	2		Hensall District Co-op Inc
HS 19RYS14	SCN	RR2Y	1.9	BL	5600	3*		Hyland Seeds
OAC Huron	F		1.9	Y	4000	2		Huron Commodities Inc.
PRO 3025R2C	SCN 1k	RR2Y	1.9	BL	6000	3*		PRO Seeds of Canada
Twister RR	SCN	RR2Y	1.9	BF	5100	4*		SeCan
30-61RY	SCN 1c	RR2Y	2.0	IBL	6200	na		DEKALB
5201RR2Y	SCN 1c	RR2Y	2.0	IBL	5900	4		PRIDE Seeds
5A170RR2		RR2Y	2.0	BL	6300	3		Mycogen Canada
CF40GR	SCN 1k	RR2Y	2.0	IBL	5600	6		Country Farm Seeds Ltd.
CF41GR	SCN 1c, 1k	RR2Y	2.0	IBL	5500	4*		Country Farm Seeds Ltd.
PS 2082 NR2	SCN 1c	RR2Y	2.0	IBL	5400	1*		PRIDE Seeds
S20-G7	F 1c		2.0	Y	4800	6		Syngenta Canada, Inc.
S20-Z9	SCN	RR2Y	2.0	IBL	6400	4		Syngenta Canada, Inc.
Valiant RR	SCN	RR2Y	2.0	IBL	5400	2*		SeCan
92M10	1c		2.1	Y	6000	1		Pioneer Hi-Bred Ltd.
92Y12	1k	RR	2.1	BL	5800	2*		Pioneer Hi-Bred Ltd.
Aspen RR	SCN	RR2Y	2.1	BL	5900	na		SeCan
DH715L	L-LA		2.1	BF	5400	4		Hendrick Seeds

Table 1. Soybean Variety Performance List and Descriptions, continued...

Variety	Notes	Herbicide Reaction	Relative Maturity*	Hilium Colour	Seeds per Kg	Phytophthora		Distributor
						Root Rot % Plant Loss**	Seed Supply	
OAC Kent	F		2.1	Y	5000	2		SeCan
31-11RY	SCN 1c	RR2Y	2.2	IBL	6300	4		DEKALB
92Y20	SCN 1k	RR	2.2	BL	6100	3		Pioneer Hi-Bred Ltd.
CF52GR	SCN 1k	RR2Y	2.2	IBL	5700	na	NA	Country Farm Seeds Ltd.
HS 22RYS03	SCN 1c	RR2Y	2.2	IBL	5700	4		Hyland Seeds
OAC Heritage			2.2	Y	5400	7		SeCan
OAC Marvel	F SCN		2.2	Y	4800	4		Huron Commodities Inc.
PS 2290 NR2	SCN 1k	RR2Y	2.2	BL	6700	5		PRIDE Seeds
PS 2295 LL	SCN 1k	LL	2.2	BR	5700	2*		PRIDE Seeds
X790P	F HP		2.2	Y	4000	4		Hensall District Co-op Inc
92B38		RR	2.3	BR	5900	4		Pioneer Hi-Bred Ltd.
92Y30	SCN 1k	RR	2.3	IBL	6700	3		Pioneer Hi-Bred Ltd.
92Y31	1c	RR	2.3	GR	5500	14		Pioneer Hi-Bred Ltd.
AR16	F		2.3	Y	6200	3*		SG Ceresco, Inc.
OAC Thamesville	F		2.3	Y	4900	2		Southwest Seeds
RR2 Impact	SCN 1k	RR2Y	2.3	IBL	5500	na	NA	Maizex Seeds Inc.
S23-J8	SCN		2.3	BF	5000	2		Syngenta Canada, Inc.
S23-T5	F SCN 1c		2.3	IY	5900	4		Syngenta Canada, Inc.
SG 2311			2.3	Y	4800	1		Huron Commodities Inc.
31-10RY	1c	RR2Y	2.4	IBL	6200	3		DEKALB
31-60RY	SCN	RR2Y	2.4	BL	5800	3*		DEKALB
HS 24RY05		RR2Y	2.4	BF	6100	1		Hyland Seeds
HS 24RYS01	SCN	RR2Y	2.4	IBL	6000	2		Hyland Seeds
HS 24RYS15	SCN	RR2Y	2.4	BL	6300	3*		Hyland Seeds
PRO 3215R2C	SCN 1k	RR2Y	2.4	IBL	6800	5*		PRO Seeds of Canada
92Y53	SCN 1k	RR	2.5	BR	5700	4		Pioneer Hi-Bred Ltd.
Dart RR	SCN	RR2Y	2.5	IBL	6600	4*		SeCan
DF 155	F		2.5	Y	5000	3		AGRIS Co-operative Ltd.
HS 25S89	SCN		2.5	BR	5100	6		Hyland Seeds
Mersea	F		2.5	Y	5300	3		SeCan

NOTES:

***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.

1a, 1c, etc. - Phytoph. resist. genes

F - Food Type
 HP - High Protein
 SCN - SCN Resistant
 L-LA - Low-Linolenic Acid

Herbicide Reaction

RR - Roundup Ready
 RR2Y - Roundup Ready 2 Yield
 LL - Liberty Link

Seed Supply

LS - Limited Supply
 NA - Not Available

Table 1. Soybean Variety Performance List and Descriptions, continued...

Variety	Notes	Herbicide Reaction	Relative Maturity*	Hilium Colour	Seeds per Kg	Phytophthora		Distributor
						Root Rot % Plant Loss**	Seed Supply	
S25-F2		RR	2.5	BR	6000	1*		Syngenta Canada, Inc.
S25-W4	SCN	RR2Y	2.5	BL	6000	3*		Syngenta Canada, Inc.
32-60RY	SCN 1k	RR2Y	2.6	IBL	6800	6		DEKALB
92M61	SCN	RR	2.6	BF	6700	2		Pioneer Hi-Bred Ltd.
CF61GR	SCN 1k	RR2Y	2.6	BF	5700	5*		Country Farm Seeds Ltd.
Charger RR	SCN 1c	RR2Y	2.6	BL	6400	4		SeCan
HS 26RYS16	SCN 1c	RR2Y	2.6	IBL	6600	7*		Hyland Seeds
RR2 Gravity	SCN 1c	RR2Y	2.6	IBL	5800	5*		Maizex Seeds Inc.
S26-F9	F SCN 3a		2.6	Y	5500	4		Syngenta Canada, Inc.
92Y74	SCN 1k	RR	2.7	IBL	6600	6*		Pioneer Hi-Bred Ltd.
CF60GR	SCN 1k	RR2Y	2.7	IBL	6100	3		Country Farm Seeds Ltd.
PS 2797 NR2	SCN 1k	RR2Y	2.7	IBL	6500	1*		PRIDE Seeds
Thesan R2		RR2Y	2.7	BF	5600	na		Elite Seeds
32-61RY	SCN 1c	RR2Y	2.8	IBL	6900	2*		DEKALB
5A255RR2	SCN 1a	RR2Y	2.8	IBL	5700	na		Mycogen Canada
92Y80	SCN 1k	RR	2.8	BR	6400	3		Pioneer Hi-Bred Ltd.
HS 28RYS28	SCN 1c	RR2Y	2.8	IBL	6400	na	LS	Hyland Seeds
RR2 Dynamite	SCN 1k	RR2Y	2.8	IBL	5600	na	NA	Maizex Seeds Inc.
S28-M1	SCN 1c	RR2Y	2.8	IBL	6600	5*		Syngenta Canada, Inc.
92M91	1k	RR	2.9	BL	6600	3		Pioneer Hi-Bred Ltd.
Monaco RR	SCN	RR2Y	2.9	BR	6100	na		SeCan
93Y05	SCN 1k	RR	3.0	BL	6100	2*		Pioneer Hi-Bred Ltd.
PS 3092 NR2	SCN 1c	RR2Y	3.0	IBL	6800	3*		PRIDE Seeds
Hino R2		RR2Y	3.1	IBL	6700	na		Elite Seeds
S31-L7	SCN 1c	RR2Y	3.1	IBL	7300	7*		Syngenta Canada, Inc.
93Y20	SCN 1k	RR	3.2	BL	6700	2		Pioneer Hi-Bred Ltd.

NOTES:

***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.

1a, 1c, etc. - Phytoph. resist. genes

F - Food Type
 HP - High Protein
 SCN - SCN Resistant
 L-LA - Low-Linolenic Acid

Herbicide Reaction

RR - Roundup Ready
 RR2Y - Roundup Ready 2 Yield
 LL - Liberty Link

Seed Supply

LS - Limited Supply
 NA - Not Available

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

Variety	Days to Mature	AVERAGE Yield Index			DUNDALK Yield Index	ELORA Yield Index		LISTOWEL Yield Index		RENFREW Yield Index		Plant Height cm	Lodging 1=standing 5=flat
		1 year	2 Year	3 year	2 year	2 year	3 year	2 year	3 year	2 year	3 year		
900Y71	105	88	88	--	88	87	--	90	--	85	--	72	1.3
900Y81	112	97	102	--	96	99	--	103	--	107	--	84	1.4
25-10RY	112	99	104	--	104	110	--	100	--	101	--	87	1.5
NSC Jaden RR2Y	113	99	103	--	106	108	--	102	--	97	--	90	1.7
LS 008R21	113	110	109	--	108	114	--	104	--	111	--	85	1.6
90M01	113	98	95	100	97	82	100	101	100	100	100	75	1.4
DTM (1yr)													
Chadburn R2	103	91	--	--	--	--	--	--	--	--	--	--	--
S01-K8	111	99	--	--	--	--	--	--	--	--	--	--	--
Laka R2	116	120	--	--	--	--	--	--	--	--	--	--	--
Average yield (T/ha)		2.69	3.03	2.85	2.39	3.16	2.46	4.01	3.86	2.56	2.60		
(bu/ac)		39.9	45.0	42.3	35.5	46.8	36.5	59.5	57.3	38.0	38.5		

TABLE 2.2 AGRONOMIC DATA AT MATURITY GROUP 00 (2300-2500 HU) AREAS , CONV/FOOD TEST

Variety	Days to Mature	AVERAGE Yield Index		DUNDALK Yield Index	ELORA Yield Index		LISTOWEL Yield Index	RENFREW Yield Index	Plant Height cm	Lodging 1=standing 5=flat	
		2 year	3 year	1 year	2 year	3 year	2 year	2 year			
Bloomfield	F	108	92	93	104	98	98	93	87	80	1.8
Misty		109	106	107	109	100	102	107	106	84	1.3
Jari	F	110	102	--	108	103	--	--	--	86	1.3
Toma		111	100	100	79	99	100	100	107	78	1.3
Average yield (T/ha)		3.43	3.34	2.51	3.69	3.38	3.81	3.19			
(bu/ac)		50.8	49.5	37.2	54.7	50.2	56.5	47.3			

Notes: F = Food type soybean

2yr average includes 2010 data from Group 00 and 2011 data from Group 0 Areas.

3yr average includes 2009-2010 data from Group 00 and 2011 data from Group 0 Areas.

Testing Locations: Table 2			
Dundalk	--	2010	2011*
Elora	2009	2010	2011
Listowel	2009	2010	2011*
Renfrew	2009	2010	2011*

* RR Only

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

Variety	Days to Mature	AVERAGE Yield Index			BRUSSELS Yield Index		ELORA Yield Index		OTTAWA Yield Index		WINCHESTER 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		
90Y20	111	86	87	89	93	92	79	85	88	88	86	90	77	1.2
PS 0242 R2	111	93	95	--	99	--	96	--	93	--	92	--	79	1.0
Colt	112	94	96	--	93	--	101	--	99	--	94	--	81	1.3
Murano R2	112	97	99	--	101	--	104	--	95	--	95	--	80	1.0
25-10RY	113	91	94	--	98	--	100	--	91	--	88	--	85	1.1
90Y30	113	85	90	90	93	91	86	94	89	88	90	87	74	1.0
PS 0340 R2	114	93	94	96	93	95	90	94	94	97	98	99	77	1.0
90Y21	114	87	88	--	94	--	87	--	85	--	86	--	71	1.0
PRO 2635R2	115	99	98	--	98	--	104	--	105	--	87	--	92	1.4
90M40	115	92	90	93	94	95	97	101	88	90	81	86	80	1.1
CF11GR	116	103	103	--	100	--	107	--	97	--	109	--	87	1.1
26-10RY	116	107	104	105	104	107	112	111	102	101	101	101	77	1.1
PS 0650 R2	116	99	105	102	101	102	98	94	102	103	116	106	71	1.0
90M60	116	97	98	99	99	101	97	102	100	99	96	96	78	1.1
90Y70	116	101	102	103	105	105	98	105	102	102	104	102	78	1.1
R2T0510	117	102	101	--	101	--	104	--	100	--	99	--	84	1.3
90Y90	117	106	105	--	103	--	109	--	104	--	106	--	81	1.0
Blade RR	118	97	99	99	96	95	89	93	105	104	104	104	83	1.1
CF12GR	118	106	106	--	105	--	103	--	111	--	105	--	86	1.4
R2T0980	119	103	102	--	101	--	110	--	101	--	98	--	92	1.3
27-60RY	119	108	106	105	98	101	110	110	104	105	110	104	93	1.5
S05-B3	119	100	100	--	100	--	99	--	102	--	98	--	87	1.4
Mundo R2	120	110	112	--	111	--	106	--	106	--	121	--	83	1.1
Absolute RR	120	108	109	110	103	105	107	109	112	112	115	115	83	1.1
RR2 Cobalt	121	100	101	103	107	106	101	103	100	102	97	103	81	1.3
27-10RY	121	107	111	--	109	--	104	--	113	--	116	--	83	1.2
5A090RR2	121	103	104	105	103	105	109	110	102	104	103	102	86	1.7
Abra RR	122	100	101	100	99	99	93	90	108	107	105	105	86	1.1
DTM (1yr)														
HS 05RYS25	113	105	--	--	--	--	--	--	--	--	--	--	--	--
HS 07RY27	113	100	--	--	--	--	--	--	--	--	--	--	--	--
Laka R2	114	106	--	--	--	--	--	--	--	--	--	--	--	--
PS 0753 R2	114	105	--	--	--	--	--	--	--	--	--	--	--	--
Maheo R2	116	109	--	--	--	--	--	--	--	--	--	--	--	--
Average yield (T/ha)		3.91	4.03	3.76	4.49	3.96	3.61	3.34	3.51	3.54	4.51	4.20		
(bu/ac)		58.0	59.8	55.8	66.6	58.7	53.6	49.6	52.0	52.5	67.0	62.3		

TABLE 3.2 AGRONOMIC DATA AT MATURITY GROUP 0 (2500-2800 HU) AREAS , CONV/FOOD TEST

Variety	Days to Mature	AVERAGE Yield Index			BRUSSELS Yield Index		ELORA Yield Index		OTTAWA Yield Index		WINCHESTER 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			
Chikala	F	109	86	83	86	87	87	80	84	85	86	81	86	83	1.7
Drew		110	98	95	95	97	92	94	94	93	94	96	98	92	1.4
90M30	F	112	100	101	--	97	--	101	--	100	--	107	--	84	1.3
Krios	F	112	91	92	--	89	--	97	--	93	--	89	--	92	1.4
Savanna		113	96	100	100	99	98	96	98	99	100	106	104	86	1.5
OAC Madoc	F	113	102	104	101	101	99	106	101	105	102	103	103	83	1.4
S03-W4	F	114	104	102	101	102	102	100	99	102	101	104	102	89	1.3
OAC Lakeview	F	114	107	103	103	104	104	102	101	103	104	101	102	84	1.7
Naya		114	100	104	103	101	100	100	98	114	111	101	103	75	1.2
Kassidy	F	114	96	97	99	99	102	94	97	100	99	96	99	90	1.6
DH618		114	103	103	103	100	101	105	104	104	105	105	103	88	1.4
DH420	F	115	97	97	95	94	95	102	99	93	93	98	93	90	1.6
Saska		115	104	104	106	106	104	105	106	96	99	108	114	83	1.4
S05-T6	F	115	110	108	109	108	108	106	106	108	109	110	111	94	1.2
Heather	F	115	96	91	92	88	91	96	95	90	92	89	91	70	1.5
OAC Wellington		115	98	95	98	94	97	107	107	91	94	89	93	93	2.2
HDC 2701	F	116	93	91	90	95	95	99	96	84	84	86	85	90	1.6
Etna	F	116	101	100	--	98	--	96	--	106	--	100	--	84	1.3
Kyoto		116	104	107	--	100	--	107	--	107	--	114	--	84	1.3
S07-D2	F	117	104	101	--	97	--	103	--	94	--	107	--	93	1.8
OAC Champion	F	117	100	101	99	102	100	105	102	95	96	101	100	96	1.9
Madison		118	111	109	108	112	107	104	105	113	112	106	108	88	2.0
Furio	F	119	106	102	101	99	98	98	100	101	103	110	105	91	1.3
PRO 275		119	108	107	104	109	108	105	103	108	104	105	102	85	1.3
Dares	F	119	103	98	100	101	101	105	107	98	101	89	94	101	1.7
OAC Blythe	F	119	102	101	101	101	102	97	101	99	97	105	105	91	2.5
OAC Wallace	F	119	112	110	111	110	109	105	106	115	113	111	115	91	1.4
OAC Sunny		119	106	104	105	107	106	100	103	106	106	103	106	93	1.5
HS 09C02		121	108	105	104	106	104	101	98	108	106	107	110	84	1.5
SR PICOR	F	121	95	98	--	101	--	89	--	99	--	103	--	90	1.4
DH710	F	121	96	86	86	95	93	93	91	93	90	67	70	107	3.4
DTM (1yr)															
Bloomfield	F	103	81	--	--	--	--	--	--	--	--	--	--	--	--
Jari	F	105	93	--	--	--	--	--	--	--	--	--	--	--	--
Misty		106	99	--	--	--	--	--	--	--	--	--	--	--	--
Toma		106	91	--	--	--	--	--	--	--	--	--	--	--	--
Average yield (T/ha)		3.82	3.92	3.73	4.17	3.89	3.70	3.60	3.58	3.52	4.25	3.90			
(bu/ac)		56.7	58.2	55.3	61.8	57.7	54.9	53.4	53.0	52.2	63.1	57.8			

Note: F = Food type soybean

Testing Locations: Table 3			
Brussels	2009	2010	2011
Elora	2009	2010	2011
Ottawa	2009	2010	2011
Winchester	2009	2010	2011

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

Variety	Days to Mature	AVERAGE Yield Index			EXETER Yield Index		ST. PAULS 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		
91M01	116	90	89	90	93	93	90	91	84	88	89	87	87	1.4
CF12GR	117	98	98	--	95	--	96	--	103	--	97	--	93	1.6
Endurance R2	117	100	98	--	102	--	96	--	91	--	102	--	91	1.2
27-60RY	118	98	97	99	94	97	96	99	98	98	99	101	90	1.4
Absolute RR	118	103	103	102	102	102	102	104	103	98	104	103	90	1.2
91Y41	118	94	95	--	92	--	92	--	98	--	96	--	89	1.5
PRO 2825R2C	119	98	95	--	96	--	98	--	93	--	94	--	95	1.3
S10-G7	119	92	94	--	100	--	95	--	91	--	88	--	90	1.6
PS 1162 R2	119	101	99	--	101	--	95	--	104	--	96	--	90	1.0
HS 14RYS02	119	103	102	100	102	101	105	104	100	95	102	99	88	1.2
91M41	119	92	93	91	94	94	89	84	97	98	92	89	82	1.2
Maxo R2	119	104	106	--	108	--	106	--	107	--	104	--	90	1.3
28-61RY	120	101	98	100	101	104	98	96	98	99	97	102	91	1.8
R2T1449	120	102	101	102	99	101	101	104	104	102	101	101	90	1.2
PRO 2935R2C	121	103	98	--	99	--	100	--	95	--	97	--	92	1.4
28-60RY	121	97	99	99	98	101	96	95	101	102	99	100	102	1.3
PRO 2835R2	121	98	98	98	96	97	99	98	99	98	99	99	92	1.4
S12-R7	121	94	96	97	99	100	95	96	93	97	97	95	93	1.4
CF31GR	122	104	105	--	97	--	107	--	108	--	107	--	92	1.2
Soido R2	122	102	100	--	106	--	98	--	96	--	99	--	84	1.6
PS 1670 NR2	122	107	102	103	98	101	104	104	98	100	109	110	92	1.3
RR2 Titanium	122	103	105	104	107	107	102	104	107	104	103	102	89	1.1
PRO 2925R2C	123	97	93	96	94	97	95	100	90	94	93	94	102	2.3
91Y61	123	101	101	--	102	--	96	--	103	--	104	--	89	1.2
HS 11RY07	123	105	106	106	102	105	107	106	105	106	109	108	92	1.2
CF21GR	123	101	99	--	96	--	103	--	102	--	95	--	91	1.0
5A130RR2	123	99	101	105	96	101	103	106	105	108	99	105	90	1.3
91Y80	123	98	97	98	96	98	96	96	98	102	97	96	87	1.3
S14-M4	123	105	99	--	102	--	99	--	103	--	91	--	93	1.5
Twister RR	123	94	94	--	93	--	94	--	92	--	98	--	98	1.7
S15-B4	124	103	100	101	102	101	106	110	95	95	97	100	91	1.5
HS 18RYS13	125	108	111	--	109	--	107	--	116	--	109	--	86	1.2
HS 18RY09	125	106	108	107	97	101	108	102	115	116	109	110	89	1.2
S16-J4	126	108	109	--	113	--	100	--	104	--	115	--	93	1.2
5A170RR2	126	106	107	--	106	--	107	--	108	--	105	--	92	1.1
CF40GR	127	107	101	--	107	--	105	--	88	--	106	--	93	1.3
CF41GR	129	109	108	--	107	--	112	--	107	--	108	--	93	1.5
DTM (1yr)														
CF11GR	109	96	--	--	--	--	--	--	--	--	--	--	--	--
Mirada RR	112	99	--	--	--	--	--	--	--	--	--	--	--	--
HS 07RY27	112	88	--	--	--	--	--	--	--	--	--	--	--	--
R2T0980	113	90	--	--	--	--	--	--	--	--	--	--	--	--
RR2 Platinum	114	94	--	--	--	--	--	--	--	--	--	--	--	--
RR2 Cobalt	115	95	--	--	--	--	--	--	--	--	--	--	--	--
Valiant RR	118	103	--	--	--	--	--	--	--	--	--	--	--	--
29-60RY	121	107	--	--	--	--	--	--	--	--	--	--	--	--
Average yield (T/ha)		4.55	4.62	4.33	4.24	4.39	4.63	4.23	5.19	4.60	4.43	4.12		
(bu/ac)		67.5	68.6	64.3	62.9	65.1	68.7	62.8	77.0	68.2	65.7	61.1		

TABLE 4.2 AGRONOMIC DATA AT MATURITY GROUP 1 (2700-2900 HU) AREAS , CONV/FOOD TEST

Variety		Days to Mature	AVERAGE Yield Index			EXETER Yield Index	ST. PAULS Yield Index		WINCHESTER Yield Index		WOODSTOCK Yield Index		Plant Height cm	Lodging 1=standing 5=flat
			1 year	2 Year	3 year	2 year	2 year	3 year	2 year	3 year	2 year	3 year		
HDC 2701	F	113	83	82	81	86	85	83	78	78	77	77	82	1.7
S07-D2	F	115	94	95	95	96	95	94	96	97	95	92	89	1.9
S09-L6	F	116	87	86	88	88	90	90	86	88	78	84	91	2.0
OAC Blythe	F	116	91	87	90	99	86	88	82	82	88	92	88	2.9
OAC Purdy	F	116	94	92	95	93	96	98	88	91	92	96	95	2.3
PS 1165 LL		117	91	94	--	--	89	--	96	--	97	--	81	1.5
Colby		117	97	95	99	99	98	101	86	92	102	103	84	2.2
DH405-2	F	117	96	99	--	--	100	--	103	--	95	--	85	1.4
91M10		118	101	99	99	102	94	96	104	102	95	97	82	1.1
Destiny		118	98	96	97	98	94	94	97	101	97	94	86	1.3
EIDER	F	120	100	104	--	--	103	--	108	--	101	--	92	1.7
HS 13C38		120	99	101	102	102	100	103	101	101	104	103	85	1.9
Acora		121	106	104	104	106	102	102	107	105	101	103	97	1.4
S12-A5		121	103	107	107	105	104	103	113	117	105	106	81	1.2
DH530	F	122	108	108	105	112	110	107	101	100	110	103	91	1.4
Stargazer	F	122	90	95	94	94	91	90	96	92	102	101	89	1.8
DH4173	F	122	102	103	--	--	107	--	101	--	98	--	84	1.3
OAC Prodigy		122	99	95	95	95	103	103	86	87	97	95	86	1.2
S15-C2	F	123	106	107	106	106	103	103	117	112	99	103	89	1.4
OAC Ginty	F	123	101	102	102	104	105	103	99	100	102	101	89	1.5
HDC Goshen	F	124	102	104	103	96	105	105	108	109	103	99	98	1.7
Bakara	F	124	108	105	104	101	110	110	98	99	108	105	91	1.4
OAC Perth	F	124	106	110	108	105	108	108	109	107	112	111	90	1.8
S18-R6	F	125	108	110	106	101	105	101	118	115	107	105	88	1.3
OAC Merion	F	125	102	104	103	101	101	103	106	105	106	102	83	1.2
DH410SCN	F	125	102	99	100	99	98	98	102	102	100	102	90	1.8
OAC Huron	F	125	101	99	101	101	103	103	90	93	104	108	89	2.0
HDC 1600T	F	126	104	101	100	107	95	96	97	99	104	101	81	1.5
Katrina		126	102	102	102	98	108	107	107	107	95	96	95	1.5
Kanata		127	102	101	--	--	99	--	100	--	106	--	91	1.8
OAC Calypso	F	127	116	113	111	110	107	107	113	111	121	117	95	2.1
HDC Blake	F	127	107	103	104	98	105	106	107	107	102	104	94	1.6
DTM (1yr)														
Black Pearl		115	94	--	--	--	--	--	--	--	--	--	--	--
HL 35	F	117	99	--	--	--	--	--	--	--	--	--	--	--
Average yield (T/ha)			4.22	4.26	4.01	4.41	4.30	4.00	4.40	3.90	4.08	3.85		
(bu/ac)			62.6	63.2	59.4	65.4	63.8	59.4	65.3	57.8	60.4	57.1		

Note: F = Food type soybean

Testing Locations: Table 4			
Exeter	2009	2010	2011
St. Pauls	2009	2010	2011
Winchester	2009	2010	2011
Woodstock	2009	2010	2011

* RR Tests only

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

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		
PRO 2935R2C	107	97	93	97	--	90	--	96	94	97	--	91	--	87	1.5
Valiant RR	108	91	93	91	--	96	--	93	93	90	--	96	--	85	1.2
Twister RR	108	92	94	98	--	91	--	88	86	84	--	88	--	95	1.6
PRO 2925R2C	109	83	88	85	87	91	96	86	86	91	92	79	78	96	1.9
91Y90	110	89	88	92	92	84	88	97	94	92	92	96	97	85	1.0
RR2 Gold	111	97	102	104	--	100	--	100	99	98	--	100	--	90	1.4
HS 18RY09	111	94	100	106	104	95	97	102	101	100	99	101	104	87	1.3
HS 18RYS13	112	102	101	101	--	101	--	100	102	101	--	104	--	86	1.2
30-11RY	112	101	102	102	--	102	--	98	101	104	--	98	--	92	1.4
30-10RY	112	104	101	99	--	103	--	98	101	101	--	100	--	89	1.8
PRO 3025R2C	112	111	108	108	--	108	--	106	106	109	--	103	--	89	1.2
29-60RY	113	93	98	104	104	92	94	101	104	104	103	105	103	89	1.2
5A170RR2	113	85	91	93	92	90	93	96	97	97	96	98	97	88	1.6
HS 19RYS14	113	112	106	101	--	110	--	107	102	101	--	104	--	91	1.4
92Y20	114	95	95	93	96	96	100	96	96	96	95	96	97	88	1.3
5201RR2Y	114	101	104	103	102	105	103	97	99	99	100	98	100	96	1.4
CF40GR	114	98	100	100	100	100	101	101	102	104	103	100	99	90	1.4
HS 22RYS03	115	107	105	105	106	105	104	103	105	103	104	108	109	88	1.2
92Y12	115	94	93	97	--	90	--	103	103	104	--	101	--	87	1.2
S20-Z9	115	101	98	98	99	99	98	101	98	102	101	94	94	95	1.6
PS 2082 NR2	115	108	106	103	--	108	--	105	104	103	--	106	--	94	1.6
92B38	115	88	92	96	100	88	91	97	98	98	97	97	97	95	1.2
92Y31	115	85	88	92	92	84	90	99	101	97	95	106	105	91	1.2
CF41GR	116	105	102	100	--	105	--	100	102	102	--	101	--	91	1.5
92Y30	116	105	104	98	101	108	108	98	97	93	96	102	101	93	1.1
31-10RY	117	97	104	106	109	102	105	102	102	104	105	99	102	96	1.7
31-11RY	117	103	105	103	103	107	103	105	104	104	103	104	104	93	1.3
HS 24RY05	118	85	92	95	95	91	97	107	108	108	108	109	107	89	1.4
S25-F2	118	91	91	101	--	83	--	102	101	96	--	106	--	84	1.1
92Y53	119	106	103	97	102	109	109	100	105	103	103	107	104	92	1.3
HS 24RYS15	119	103	103	100	--	106	--	96	96	99	--	93	--	91	1.6
Dart RR	119	113	109	108	--	111	--	100	102	103	--	101	--	92	1.3
PS 2290 NR2	119	104	100	99	102	101	103	94	94	95	97	93	94	99	1.5
PRO 3215R2C	120	109	106	106	--	106	--	105	102	102	--	104	--	92	1.5
Charger RR	120	102	100	98	101	102	103	103	103	102	103	104	101	94	1.4
31-60RY	121	103	105	102	--	107	--	100	99	98	--	100	--	96	1.8
HS 24RYS01	121	105	103	106	106	100	102	103	103	104	105	101	100	98	1.8
S25-W4	121	108	107	105	--	109	--	101	102	103	--	99	--	95	1.5
92M61	121	100	96	91	95	101	105	104	101	98	101	104	102	92	1.5
CF60GR	121	116	113	110	114	115	114	101	102	101	102	104	105	93	1.3
HS 26RYS16	122	104	107	105	--	108	--	99	101	102	--	99	--	102	1.7
CF61GR	122	107	103	99	--	106	--	102	105	107	--	103	--	94	1.4
DTM (1yr)															
Aspen RR	115	96	--	--	--	--	--	102	--	--	--	--	--	--	--
30-61RY	117	103	--	--	--	--	--	104	--	--	--	--	--	--	--
RR2 Impact	119	108	--	--	--	--	--	109	--	--	--	--	--	--	--
RR2 Gravity	123	98	--	--	--	--	--	97	--	--	--	--	--	--	--
Thesan R2	124	106	--	--	--	--	--	106	--	--	--	--	--	--	--
5A255RR2	125	102	--	--	--	--	--	100	--	--	--	--	--	--	--
Average yield (T/ha)		3.61	3.72	3.39	3.06	4.04	3.76	5.12	5.33	5.99	5.43	4.67	4.47		
(bu/ac)		53.6	55.2	50.4	45.3	60.0	55.7	76.0	79.1	88.9	80.6	69.3	66.4		

TABLE 5.2 AGRONOMIC DATA AT EARLY MATURITY GROUP 2 (2900-3300 HU) AREAS , CONV/FOOD TEST

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	F	108	98	97	89	90	103	97	93	95	95	95	94	96	93	1.3
S18-R6	F	109	109	104	92	95	113	107	102	104	103	104	105	107	93	1.1
HDC 1600T	F	109	90	94	92	92	95	97	105	104	101	100	107	107	81	1.4
DH4202	F	110	104	106	108	--	103	--	102	104	102	--	107	--	87	1.8
DH410SCN	F	111	100	98	98	101	98	97	95	96	95	96	96	97	91	1.8
S23-J8		112	105	109	110	106	108	106	101	101	101	103	101	101	91	1.6
Katrina		112	96	101	108	108	95	97	96	96	101	101	91	94	97	1.4
S20-G7	F	113	91	94	96	97	91	96	97	96	96	95	95	95	95	1.4
Mersea	F	113	105	103	106	108	101	103	104	106	106	105	107	105	92	1.4
OAC Marvel	F	113	109	106	100	98	112	106	98	97	97	99	96	98	97	1.6
DH715L		113	98	99	99	99	100	101	102	101	100	100	102	102	81	1.3
HDC Blake	F	114	91	98	100	104	97	98	96	97	98	98	96	99	95	1.5
HS 25S89		114	109	101	94	96	107	105	99	103	102	103	103	105	87	1.2
SG 2311		115	105	102	105	106	100	103	105	105	106	106	103	103	94	1.3
OAC Heritage		115	88	95	92	93	97	99	105	98	101	103	95	96	105	2.1
92M10		115	105	101	102	100	100	99	101	102	100	102	104	106	95	1.4
OAC Kent	F	115	97	98	99	102	97	99	99	98	98	99	97	96	93	1.8
PRO 30-05	F	115	95	96	100	104	93	95	95	99	98	96	100	102	95	1.4
S23-T5	F	116	119	108	103	105	112	107	108	108	108	106	108	107	93	1.2
X790P	F	116	79	83	87	88	79	82	79	79	82	80	76	77	93	2.0
AR16	F	117	89	92	96	--	88	--	102	102	101	--	104	--	98	1.1
OAC Thamesville	F	118	102	107	109	105	105	104	102	101	100	102	102	104	98	1.4
PS 2295 LL		118	115	106	105	--	106	--	100	104	104	--	104	--	95	1.8
DF 155	F	120	102	104	109	103	100	101	106	106	105	106	107	104	96	1.8
DTM (1yr)																
OAC Calypso	F	116	101	--	--	--	--	--	109	--	--	--	--	--	--	--
Average yield (T/ha)		3.49	3.64		3.31	3.17	3.96	3.89	4.90	5.17	5.80	5.32	4.54	4.26		
Average yield (bu/ac)		51.7	54.0		49.1	47.0	58.8	57.7	72.7	76.7	86.1	78.9	67.4	63.2		

Note: F = Food type soybean

Testing Locations: Table 5			
Inwood	2009	2010	2011
Palmyra	2009	2010	2011
Ridgetown	2009	2010	2011
Talbotville	2009	2010	2011

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

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		
PRO 3025R2C	108	101	102	102	--	101	--	102	99	104	--	93	--	88	1.2
HS 24RY05	113	100	103	99	97	108	106	100	102	106	105	96	99	84	1.1
HS 24RYS15	114	101	101	101	--	101	--	102	100	102	--	98	--	90	1.3
Dart RR	114	104	104	102	--	106	--	105	103	104	--	102	--	92	1.3
PRO 3215R2C	115	98	94	94	--	95	--	100	99	101	--	96	--	91	1.3
Charger RR	115	100	103	101	100	105	101	103	101	103	103	99	100	94	1.3
RR2 Gravity	115	89	95	97	--	93	--	103	104	104	--	104	--	92	1.4
PS 2797 NR2	116	104	101	100	--	103	--	98	99	99	--	98	--	94	1.5
92Y74	116	101	104	103	--	106	--	104	100	97	--	105	--	88	1.2
HS 24RYS01	116	105	101	102	98	100	101	100	99	97	101	102	99	97	1.7
CF60GR	116	103	103	100	100	105	103	103	100	99	99	100	100	93	1.3
32-60RY	117	93	95	94	97	97	96	92	95	97	98	92	96	96	1.6
PS 3092 NR2	117	95	96	96	--	96	--	99	100	105	--	93	--	92	1.5
HS 26RYS16	118	100	99	100	--	99	--	100	101	100	--	101	--	97	1.6
92Y80	118	97	98	99	101	97	99	94	98	98	98	97	98	94	1.3
92M91	118	106	102	105	105	100	98	102	100	98	99	103	102	94	1.1
32-61RY	118	94	95	100	--	89	--	102	105	102	--	108	--	94	1.2
CF61GR	118	109	106	100	--	114	--	103	101	100	--	102	--	97	1.3
S28-M1	118	99	98	99	--	97	--	94	96	98	--	94	--	98	1.4
93Y20	119	101	99	101	102	96	96	96	97	92	97	103	105	97	1.4
93Y05	120	105	103	105	--	101	--	100	100	96	--	104	--	92	1.1
S31-L7	120	93	96	99	--	93	--	96	102	98	--	108	--	95	1.7
DTM (1yr)															
5A255RR2	121	101	--	--	--	--	--	104	--	--	--	--	--	--	--
HS 28RYS28	122	94	--	--	--	--	--	96	--	--	--	--	--	--	--
Thesan R2	122	104	--	--	--	--	--	105	--	--	--	--	--	--	--
Monaco RR	123	99	--	--	--	--	--	97	--	--	--	--	--	--	--
Hino R2	124	102	--	--	--	--	--	103	--	--	--	--	--	--	--
RR2 Dynamite	124	104	--	--	--	--	--	99	--	--	--	--	--	--	--
Average yield (T/ha)		3.95	3.95	4.17	3.90	3.72	4.00	4.53	4.48	5.13	4.59	3.83	3.92		
(bu/ac)		58.6	58.6	61.9	57.8	55.3	59.3	67.2	66.4	76.1	68.0	56.8	58.2		

TABLE 6.2 AGRONOMIC DATA AT LATE MATURITY GROUP 2 (3300-3500 HU) AREAS , CONV/FOOD TEST

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			
Mersea	F	106	100	103	101	101	105	105	101	99	103	106	94	99	89	1.2
PRO 30-05	F	107	103	100	99	99	100	99	86	89	88	90	89	90	93	1.2
OAC Marvel	F	108	99	100	102	--	97	--	108	106	106	--	107	--	92	1.3
X790P	F	108	89	87	86	87	89	87	85	83	80	81	87	83	88	1.8
S23-T5	F	108	103	102	99	99	105	103	110	105	108	109	101	102	91	1.3
OAC Kent	F	109	100	104	105	103	102	100	97	101	103	104	98	97	93	1.3
OAC Heritage		110	101	100	99	99	100	101	98	95	89	95	104	106	104	1.7
OAC Thamesville	F	111	104	106	109	107	104	104	101	101	93	95	111	111	94	1.2
PS 2295 LL		112	97	100	99	--	103	--	105	108	112	--	104	--	93	1.3
S26-F9	F	112	95	97	97	100	97	99	98	101	101	103	101	102	93	1.3
DF 155	F	115	109	102	103	106	100	101	111	112	118	118	105	110	94	1.3
Average yield (T/ha)		3.75	3.72	4.14	3.82		3.29	3.59	4.00	4.00	4.55	4.18	3.46	3.67		
(bu/ac)		55.6	55.2	61.5	56.6		48.9	53.2	59.3	59.4	67.6	62.0	51.3	54.4		

Note: F = Food type soybean

Testing Locations: Table 6			
Merlin	2009	2010	2011
Woodslee	2009	2010	2011
Chatham	2009	2010	2011
Malden	2009	2010	2011

TABLE 7. RESISTANT VARIETY PERFORMANCE IN SCN INFESTED FIELDS

Round-up Ready Varieties*

Variety	Average of 6 Tests (2009-2011)		Average of 4 Tests (2010-2011)		Source of Resistance
	Days to Maturity	Yield Index (%)	Days to Maturity	Yield Index (%)	
HS 14RYS02	104	129	100	127	PI 88788
PRO 2935R2C	--	--	101	124	PI88788
PS 1670 NR2	106	126	101	117	PI 88788
91Y80	106	125	103	120	PI 88788
PRO 2925R2C	107	128	105	121	PI88788
S16-J4	--	--	105	145	PI 88788
30-11RY	--	--	105	129	PI 88788
30-10RY	--	--	106	134	PI 88788
HS 18RYS13	--	--	106	148	PI 88788
5201RR2Y	111	145	107	132	PI 88788
PRO 3025R2C	--	--	108	132	--
PS 2082 NR2	--	--	110	131	PI 88788
HS 19RYS14	--	--	110	148	PI 88788
92Y20	113	147	110	134	Peking
S20-Z9	--	--	110	136	PI 88788
HS 22RYS03	115	149	111	144	PI 88788
31-11RY	115	150	112	139	PI 88788
92Y30	114	137	112	126	PI 88788
PS 2290 NR2	115	138	113	131	PI 88788
92Y53	--	--	113	139	Peking
HS 24RYS15	--	--	114	134	PI 88788
PRO 3215R2C	--	--	114	131	PI88788
92M61	117	143	115	134	PI 88788
PS 2797 NR2	--	--	115	135	PI 88788
Charger RR	117	149	115	143	PI 88788
S25-W4	--	--	115	135	PI 88788
31-60RY	--	--	116	139	PI 88788
32-60RY	120	143	116	131	PI 88788
92Y80	119	143	116	134	PI 88788
HS 24RYS01	118	155	116	145	PI 88788
S28-M1	--	--	116	134	PI 88788
32-61RY	--	--	118	136	PI 88788
PS 3092 NR2	--	--	118	139	PI 88788
HS 26RYS16	--	--	118	142	PI 88788
S31-L7	--	--	119	148	PI 88788
93Y20	124	146	121	134	PI 88788
93Y05	--	--	122	146	PI 88788
** Susceptible Yield Index is:		100%	100%		
Susceptible Yield (RR):		2.49 T/ha	2.77 T/ha		
		36.9 bu/ac	41.1 bu/ac		

Conventional Varieties

Variety	Average of 6 Tests (2009-2011)		Average of 4 Tests (2010-2011)		Source of Resistance
	Days to Maturity	Yield Index (%)	Days to Maturity	Yield Index (%)	
S18-R6	107	135	104	134	PI 88788
HDC Goshen	107	128	104	125	PI 88788
DH410SCN	108	118	105	116	PI 88788
OAC Marvel	113	138	110	131	PI 88788
Sherwin	112	141	110	142	PI 88788
S23-T5	113	140	110	136	PI 88788
HS 25S89	114	140	111	136	PI 88788
PS 2295 LL	--	--	112	143	PI 88788
S26-F9	118	131	114	124	PI 88788
** Susceptible Yield Index is:		100%	100%		
Susceptible Yield (Conv):		2.60 T/ha	2.85 T/ha		
		38.5 bu/ac	42.2 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 or races of Soybean Cyst Nematode (SCN) in Ontario.
- HP:** Varieties with above average protein index. See Protein & Oil Index section below.
- F:** Varieties designated for food (Tofu, Natto, Miso, etc.) use.
- 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 OOPSCC. For further information contact seed distributor. The following variety has been reported to OOPSCC as being metribuzin sensitive: 90B73.

Relative Maturity

Ranking of maturities has been initiated to provide producers with a rating system that is similar to the USA soybean industry standards. 2011 is the third year of ranking provided by the seed sponsors. Rankings are not assigned by OOPSCC. See attached Relative Maturity map

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 at GPCRC, Agriculture & Agri-Food Canada, Harrow, Ontario. For further information, contact soyinfo@oopsc.org.

Protein & Oil Index

Protein Index (%) and Oil (%) is obtainable on the web at www.Gosoy.ca.

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.

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.

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)

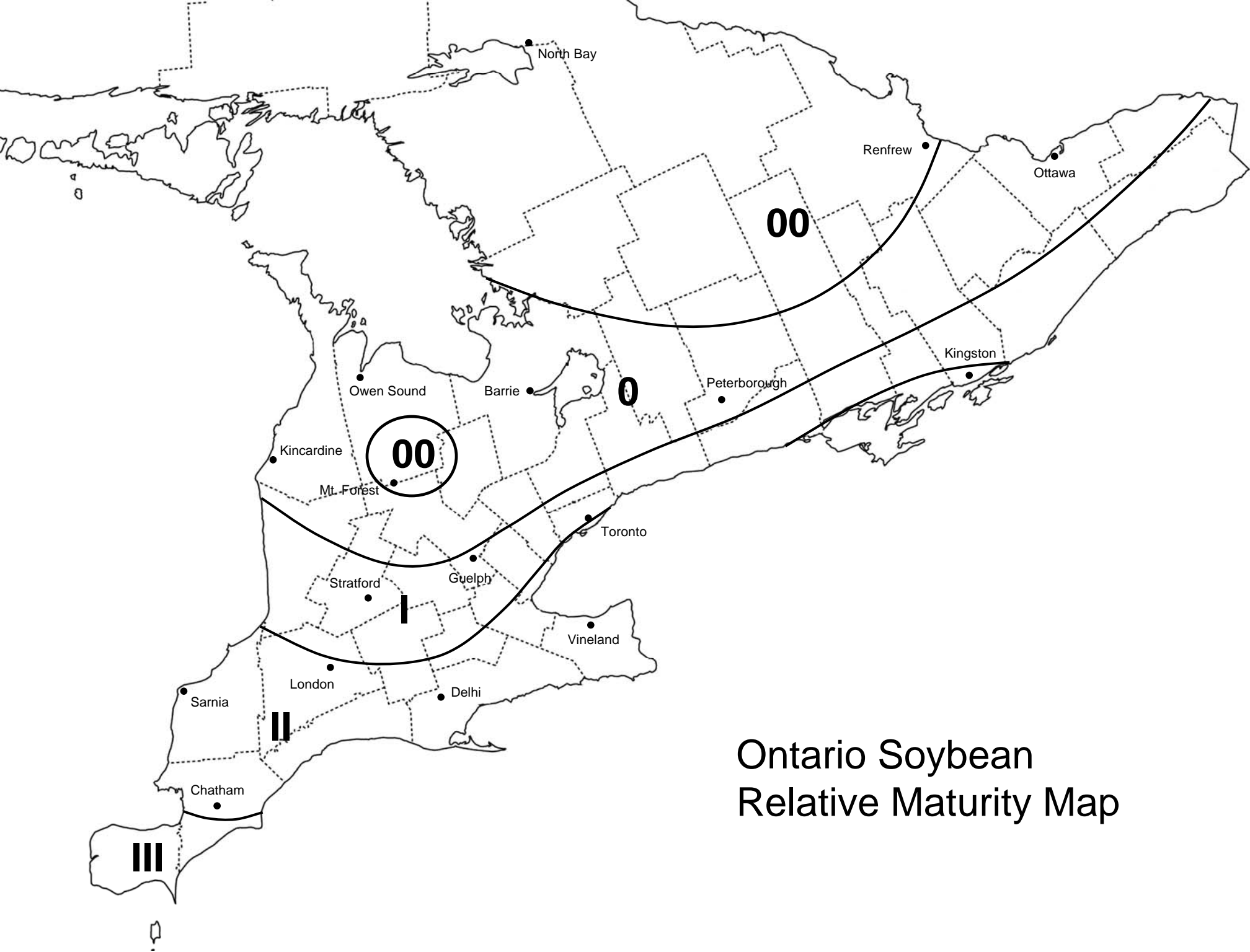
The Conventional and Food soybean variety trials were combined for the first time in 2006. All conventional and food varieties were grown in the same test sites in all three years for which data is presented.

Test Locations and Soil Types - 2011 Trials

Location	Table	Relative Maturity	Soil Type	Row Width (cm)	Seeding Rate (plant/ac)	Co-operator	Trial Co-ordinator
Dundalk	2	00.6	silt loam	35	200,000	Ed Jack	OAC, U of Guelph
Renfrew	2	00.9	silt loam	40	200,000	Ron Clarke	ECORC, AAFC, Ottawa
Listowel	2	0.7	loam	60	200,000	Paul Dewar	ECORC, AAFC, Ottawa
Elora	2 & 3	0.6	silt loam	35	200,000	OAC	OAC, U of Guelph
Ottawa	3	0.6	clay loam	40	200,000	Research Centre, AAFC, Ottawa	Research Centre, AAFC, Ottawa
Brussels	3	0.8	loam	38	200,000	Peel Farms	ECORC, AAFC, Ottawa
Winchester	3 & 4	1.0	clay loam	35	200,000	Kemptville Campus, U of Guelph	Kemptville Campus, U of Guelph
St. Paul's	4	1.5	clay loam	35	200,000	Pat Murray	OAC, U of Guelph
Woodstock	4	1.8	clay loam	35	200,000	Bob Hart	OAC, U of Guelph
Exeter	4	1.7	clay loam	35	200,000	Bill Essery	Ridgetown Campus, U of Guelph
Talbotville	5	2.3	clay loam	35	200,000	Tom Oegema	Ridgetown Campus, U of Guelph
Ridgetown	5	2.8	clay loam	43	160,000	Ridgetown Campus, U of Guelph	Ridgetown Campus, U of Guelph
Inwood	5	2.4	clay	43	200,000	Tom Lassaline	Ridgetown Campus, U of Guelph
Palmyra	5	2.7	clay	43	200,000	Chris Quinton	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	Research Centre, AAFC, Harrow
Chatham	6	2.9	clay loam	43	160,000	Stan Wonnacott	Ridgetown Campus, U of Guelph
Malden	6	3.5	clay loam	46	185,000	Research Centre, AAFC, Harrow	Research Centre, AAFC, Harrow

Soybean Variety Distributors

Distributor	Address	Telephone	Fax	Internet
AGRIS Co-operative Ltd.	835 Park Ave. W, Chatham, ON N7M 5J6	519-380-2384	519-354-7058	www.agris.coop
Beechwood Agri Services	123 King St., Parkhill, ON N0M 2K0	1-877-294-0474	519-294-0131	www.beechwoodagri.com
C&M Seeds	6180 5th Line Minto, RR #3, Palmerston, ON N0G 2P0	519-343-2126	519-343-3792	www.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
DEKALB	120 Research Lane, Unit 101, Guelph, ON N1G 0B4	1-800-667-4944	519-823-9733	www.monsanto.ca/products/dekalb
Elite Seeds	19 235 Avenue St-Louis, Saint-Hyacinthe, QC J2T 5J4	450-799-2326	450-773-3381	www.eliteseeds.ca
Hendrick Seeds	11451 Cameron Road, Inkerman, ON K0E 1J0	613-989-5400	613-989-2200	www.hendrickseeds.com
Hensall District Co-op Inc	Box 219, 1 Davidson Drive, Hensall, ON N0M 1X0	519-262-3002	519-262-3412	www.hdc.on.ca
Huron Commodities Inc.	79 Wellington St., Clinton, ON N0M 1L0	519-482-8400	519-482-8383	www.huron.com
Hyland Seeds	P.O. Box 1090, 2 Hyland Dr., Blenheim ON N0P 1A0	519-676-8146	519-676-6800	www.hylandseeds.com
Land O'Lakes, Inc.	7 Willi St, Chepstow, ON N0G 1K0	519-889-0402		Email: csmith@landolakes.com
Maizex Seeds Inc.	4488 Mint Line, RR #2, Tilbury ON N0P 2L0	1-877-682-1720	519-682-2144	www.maizex.com
Mike Snobelen Farms Ltd.	Box 29, 323 Havelock St., Lucknow, ON NOG 2H0	1-800-582-5669	519-528-3542	www.snobelengroup.com
Mycogen Canada	P.O. Box 1060, St. Mary's, ON N4X 1B7	1-800-668-4939	519-349-2688	www.dowagro.com/ca
Pioneer Hi-Bred Ltd.	Box 730, 7398 Queen's Line, Chatham, ON N7M 5L1	1-800-265-9435	519-380-2014	www.Pioneer.com/Canada
PRIDE Seeds	P.O. Box 1088, Chatham ON N7M 5L6	1-800-265-5280	519-354-8155	www.prideseed.com
PRO Seeds of Canada	PO BOX 20039, Woodstock ON N4S 8X8	1-888-537-5157	519-533-0773	www.proseeds.ca
Prograin	145 Bas Rivière Nord, St-Césaire, QC J0L 1T0	1-800-817-3732	450-469-4547	www.semencesprograin.com
SeCan	400-300 Terry Fox Drive, Kanata, ON K2K 0E3	1-866-797-7874	613-592-9497	www.secan.com
SG Ceresco, Inc.	166, chemin de la Grande-Ligne,, Saint-Urbain-Premier, QC J0S 1Y0	450 427-3831	450 427-2067	www.sgceresco.com
Southwest Seeds	R.R. # 1, 19686 Scane Rd., Ridgetown, ON N0P 2C0	519-674-0054	519-674-0388	
Synagri	5175 Boul. Laurier Est, St-Hyacinthe, QC J2R 2B4	450-799-3226	450-799-3229	www.synagri.ca
Syngenta Canada, Inc.	15910 Medway Road, RR #1, Arva, ON N0M 1C0	1-800-756-7333	888-717-7122	www.nkcanada.com
Woodrill Ltd.	7861 Hwy 7 East, RR # 2, Guelph, ON N1H 6H8	519-821-1018	519-821-5198	www.woodrill.com



Ontario Soybean
Relative Maturity Map