2015

Ontario Soybean Variety Trials

Data Collected 2013-2015

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

Research conducted and reported by:

Agriculture and Agri-Food Canada

Agriculture et Agroalimentaire Canada

Ontario

University of Guelph

Grain Farmers of Ontario • www.gfo.ca

Revised March 29, 2016

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**

Tom Welacky
Soybean Data Coordinator
OSACC
Box 947
Harrow ON NOR 1GO
Email: soyinfo@oopscc.org

Copyright/Permission to Reproduce

2015
Ontario Soybean Variety Trials

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

Tables

Reference

Table 1. Soybean Variety Performance List and Descriptions

Variety	Notes	Herbicide Reaction	Relative Maturity*	Hilum Colour	Seeds per Kg	Phytophthora Root Rot % Plant Loss**	Seed Supply	Distributor
Pekko R2		RR2Y	000	BL	5600	18*		Elite Seeds
Notus R2		RR2Y	000.6	BL	5000	na		Elite Seeds
22-60RY	SCN 1c	RR2Y	000.9	BL	5800	na		DEKALB
S0009-M2	6	RR2Y	000.9	Y	5700	na		Syngenta Canada, Inc.
P001T34R	1a	RR	00.1	DBR	6400	na		Pioneer Hi-Bred Ltd.
Mahony R2		RR2Y	00.2	IBL	5200	na		SeCan
P002T04R	1k	RR	00.2	IY	6500	na		Pioneer Hi-Bred Ltd.
Mcleod R2		RR2Y	00.3	IBL	5000	na		SeCan
PS 0035 NR2	SCN	RR2Y	00.3	BL	4300	3		PRIDE Seeds
AAC Mandor			00.4	Y	4900	7	LS	Sevita International
Anser			00.4	IY	4700	7		SG Ceresco, Inc.
Meteor	HP		00.4	IY	4800	7*		Sevita Genetics
NSC Moosamin		RR2Y	00.4	BL	5600	4*		Northstar Genetics
24-12RY	1c	RR2Y	00.5	BL	6100	na		DEKALB
PRO 2525R2		RR2Y	00.5	BL	4700	7		PRO Seeds
PS 0055 R2	1k	RR2Y	00.5	IY	6300	na		PRIDE Seeds
S007-Y4	1c	RR2Y	00.5	IY	5500	1		Syngenta Canada, Inc.
Vito R2		RR2Y	00.5	GR	5800	3		Prograin
900Y61	1c	RR	00.6	BR	4900	1		Pioneer Hi-Bred Ltd.
DH863	HP		00.6	IY	4900	5*	LS	Sevita International
HS 006RYS24	SCN 1k	RR2Y	00.6	BL	5000	3		Dow Seeds
Misty			00.6	IY	5200	8*		Sevita International
P006T78R	1c	RR	00.6	DBR	5400	na		Pioneer Hi-Bred Ltd.
Astor		MS	00.7	Y	4300	4*	LS	Sevita International
Currie R2		RR2Y	00.7	BL	4800	na		SeCan
HS 007RY32	1c, 1k	RR2Y	00.7	BL	4900	5		Dow Seeds
Kendo R2		RR2Y	00.7	IBL	5000	3*		Prograin
NSC Austin RR2Y	1c	RR2Y	00.7	Y	5800	na		Northstar Genetics
NSC Libau RR2Y		RR2Y	00.7	BL	4800	6		Northstar Genetics
NSC Osborne RR2Y	1c	RR2Y	00.7	BL	4800	13		Northstar Genetics
OAC Petrel			00.7	IY	5600	3		SG Ceresco, Inc.
S00-N6		RR2Y	00.7	BL	5500	9		Syngenta Canada, Inc.
S006-W5	1a, 3a	RR2Y	00.7	Y	6600	na		Syngenta Canada, Inc.
Toma			00.7	IY	4500	2		Prograin
25-10RY	1c	RR2Y	00.8	BL	5000	2		DEKALB
Astro R2		RR2Y	00.8	BL	5300	10		Prograin
Asuka			00.8	IY	4400	2		Synagri
DH401			00.8	IY	4800	0*		Sevita International
Lono R2		RR2Y	00.8	Y	5800	1		Elite Seeds
LS 008R21		RR2Y	00.8	BR	5200	5		PRO Seeds
OAC Morden			00.8	BF	5000	na		Huron Commodities Inc.
P008T22R2	1c	RR2Y	00.8	BL	4900	7		Pioneer Hi-Bred Ltd.
P008T70R	1k	RR	00.8	IY	5700	6		Pioneer Hi-Bred Ltd.
PS 0074 R2		RR2Y	00.8	BR	6000	8		PRIDE Seeds
Sampsa R2	1c	RR2Y	00.8	IBL	5100	2		Elite Seeds
Amadeus			00.9	IY	5000	20		Prograin

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

Variety	Notes	Herbicide Reaction	Relative Maturity*	Hilum Colour	Seeds per Kg	Phytophthora Root Rot % Plant Loss**	Seed Supply	Distributor
Hana			00.9	Y	5000	4		Prograin
Jari			00.9	IY	4900	3		Elite Seeds
PRO 2535R2	1k	RR2Y	00.9	BL	4700	8		PRO Seeds
S00-T9	1k	RR2Y	00.9	BL	5000	2		Syngenta Canada, Inc.
90Y01	1k	RR	0.0	IY	5500	5		Pioneer Hi-Bred Ltd.
Ekurana R2	1c	RR2Y	0.1	IBL	5600	2		Elite Seeds
NSC Caribou		RR2Y	0.1	BL	5900	1*		Northstar Genetics
NSC Jaden RR2Y		RR2Y	0.1	BL	5500	5		Elite Seeds
P01T23R	1c	RR	0.1	BR	5400	6		Pioneer Hi-Bred Ltd.
Podaga R2		RR2Y	0.1	BL	5300	na		Elite Seeds
RR2 Fusion	3a	RR2Y	0.1	BL	5200	2		Maizex Seeds Inc.
SVX14T00S3			0.1	Y	4400	2*	LS	Sevita International
26-14RY		RR2Y	0.2	BL	6100	na		DEKALB
Hydra R2		RR2Y	0.2	IBL	5200	2		Elite Seeds
Kyoto			0.2	Y	4700	1		Synagri
Narita			0.2	IY	4200	2		Prograin
PS 0242 R2		RR2Y	0.2	BL	5700	5		PRIDE Seeds
Celebrity	SCN		0.3	IY	4900	4		Hensall District Co-op Inc
CF05GR	SCN	RR2Y	0.3	IY	5500	2*		Country Farm Seeds Ltd.
Chikala			0.3	Y	9700	8		Huron Commodities Inc.
HS 03RY33		RR2Y	0.3	BL	5000	2		Dow Seeds
PS 0340 R2	1c	RR2Y	0.3	IBL	6200	3		PRIDE Seeds
RR2 Bronze	1c	RR2Y	0.3	BL	4900	9		Maizex Seeds Inc.
S03-W4	1c		0.3	IY	4600	2		Syngenta Canada, Inc.
26-10RY		RR2Y	0.4	GR	6200	5		DEKALB
5A040RR2	1c	RR2Y	0.4	BL	5300	3		Dow Seeds
Auriga			0.4	Y	4900	1		Elite Seeds
DH618			0.4	IY	4600	8		Sevita International
DS045C0			0.4	IY	5000	4*		Dow Seeds
Montero R2		RR2Y	0.4	BL	5700	4		Prograin
OAC Champion			0.4	IY	4400	7		Sevita International
OAC Strive			0.4	IY	4300	1		SeCan
PS 0416 R2	1c	RR2Y	0.4	BL	5900	5		PRIDE Seeds
S04-D3		RR2Y	0.4	BL	5200	2		Syngenta Canada, Inc.
Theo R2		RR2Y	0.4	BL	5300	4		Prograin
CF01GR		RR2Y	0.5	BL	5300	4		Country Farm Seeds Ltd.
Etna			0.5	IY	4600	1		Elite Seeds
Gladiator			0.5	IY	4300	1	LS	Sevita International

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
HP - High Protein
SCN - SCN Resistant
L-LA - Low-Linolenic Acid

Herbicide Reaction
RR - Roundup Ready
RR2Y - Roundup Ready 2 Yield
LL - Liberty Link
MS - Metribuzin Sensitive

Seed Supply
LS - Limited Supply
NA - Not Available

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

Variety	Notes	Herbicide Reaction	Relative Maturity*	Hilum Colour	Seeds per Kg	Phytophthora Root Rot % Plant Loss**	Seed Supply	Distributor
HS 05RYS25	SCN	RR2Y	0.5	BR	5700	4		Dow Seeds
OAC Lakeview			0.5	Y	4700	4		SeCan
P04T10			0.5	IY	4700	10*		Pioneer Hi-Bred Ltd.
P05T24R	1k	RR	0.5	BR	4900	5		Pioneer Hi-Bred Ltd.
Saska			0.5	IY	5100	2		Prograin
Taurus			0.5	IY	4700	7		Prograin
27-12RY	1c	RR2Y	0.6	GR	5000	3		DEKALB
5A050RR2		RR2Y	0.6	BF	5400	15		Dow Seeds
AAC Vireo			0.6	IY	3900	2		SG Ceresco, Inc.
Altitude R2	3a	RR2Y	0.6	BR	4900	5*		SeCan
Factor			0.6	GR	5000	3	LS	Sevita International
Mundo R2		RR2Y	0.6	BR	4900	1		Prograin
OAC Durham			0.6	Y	4400	3		Bramhill Seeds
P06T28R	1k	RR	0.6	BR	5200	4		Pioneer Hi-Bred Ltd.
PS 0650 R2	1k	RR2Y	0.6	BR	4700	2		PRIDE Seeds
S06-C4	SCN	RR2Y	0.6	BL	5300	4*		Syngenta Canada, Inc.
S07-D2	3a		0.6	Y	4300	3		Syngenta Canada, Inc.
Camaro R2		RR2Y	0.7	BR	6200	2		SeCan
Marula			0.7	Y	4300	1		Prograin
Nitro R2		RR2Y	0.7	BR	4600	5		Prograin
OAC Challenger R2		RR2Y	0.7	BR	5100	3		SeCan
OAC Wallace			0.7	BR	4800	3		SeCan
P05T80			0.7	IY	4300	3		Pioneer Hi-Bred Ltd.
P07T86			0.7	IY	4400	4*		Pioneer Hi-Bred Ltd.
PRO 2625R2		RR2Y	0.7	BL	4800	3		PRO Seeds
PRO 275			0.7	IY	4600	2		Sevita International
PS 0753 R2	3a	RR2Y	0.7	BR	5600	4		PRIDE Seeds
RR2 Atlas	SCN 1k	RR2Y	0.7	BL	5500	na		Maizex Seeds Inc.
S07-B6	1k	RR2Y	0.7	BR	5600	3*		Syngenta Canada, Inc.
SVX14T0S6			0.7	Y	4500	2*	LS	Sevita International
27-62RY		RR2Y	0.8	BR	5100	6*		DEKALB
5A075RR2	1k	RR2Y	0.8	Y	4700	1		Dow Seeds
CF12GR		RR2Y	0.8	BL	5100	4		Country Farm Seeds Ltd.
CF13GR	1c, 1k	RR2Y	0.8	BL	5300	4		Country Farm Seeds Ltd.
DS085F1	1k	RR2Y	0.8	BL	6100	na		Dow Seeds
Emperor			0.8	IY	4000	3	LS	Sevita International
HS 08RY51		RR2Y	0.8	Y	5200	2*		Dow Seeds
Medea R2		RR2Y	0.8	BL	5200	4		Elite Seeds
Mirada RR	SCN	RR2Y	0.8	BR	5500	2		SeCan
Neptune			0.8	IY	4200	4	LS	Sevita International
OAC Drayton			0.8	LBR	5000	3		Bramhill Seeds
RR2 Cobalt	SCN	RR2Y	0.8	IBL	5700	11		Maizex Seeds Inc.
S07-M8	1c		0.8	IY	4300	2		Syngenta Canada, Inc.
S08-U4	1c	RR2Y	0.8	GR	5100	3		Syngenta Canada, Inc.
Venture R2		RR2Y	0.8	BL	5500	3*		SeCan

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

Variety	Notes	Herbicide Reaction	Relative Maturity*	Hilum Colour	Seeds per Kg	Phytophthora Root Rot % Plant Loss**	Seed Supply	Distributor
5091RR2Y	1c	RR2Y	0.9	BL	5200	3		Elite Seeds
90Y90	1c	RR	0.9	BR	5000	1		Pioneer Hi-Bred Ltd.
Absolute RR	1c	RR2Y	0.9	BL	5400	6		SeCan
Black Pearl			0.9	BL	4700	4		Beechwood Agri Services
Havane			0.9	Y	4500	5		SG Ceresco, Inc.
HS 09C02			0.9	Y	4600	3		Dow Seeds
HS 09RYS12	SCN 1c, 1k	RR2Y	0.9	BL	5400	3		Dow Seeds
OAC Prescott			0.9	GR	4400	2		SeCan
P09T74R2	SCN 1c	RR2Y	0.9	BL	5600	2*		Pioneer Hi-Bred Ltd.
SVX14T0S4			0.9	Y	4900	1*	LS	Sevita International
28-15RY	1c	RR2Y	1.0	BL	5000	na		DEKALB
91Y01	1c	RR	1.0	BF	4900	2		Pioneer Hi-Bred Ltd.
AAC Zaurak			1.0	Y	4900	8		SG Ceresco, Inc.
Acora	1c		1.0	IY	4600	2		Prograin
CF14GR	SCN 1k	RR2Y	1.0	IBL	5100	3		Country Farm Seeds Ltd.
DH5170			1.0	Y	5700	4		Sevita Genetics
Furio	1c		1.0	IY	4100	4*		Synagri
NSC Pegasis RR2Y		RR2Y	1.0	BR	5300	2*		Northstar Genetics
OAC Eve			1.0	IY	4400	7		SeCan
PRO 2845R2C	SCN 1c	RR2Y	1.0	BL	5000	5*		PRO Seeds
S10-P9	3a	RR2Y	1.0	BR	5100	4		Syngenta Canada, Inc.
28-60RY	SCN 1k	RR2Y	1.1	BL	4900	1		DEKALB
Ajok R2		RR2Y	1.1		4900	2		Elite Seeds
CF23GR	1k	RR2Y	1.1	BL	6400	4		Country Farm Seeds Ltd.
Colby			1.1	Y	4800	3		Dow Seeds
Eider			1.1	Y	4500	2		SG Ceresco, Inc.
Grandor			1.1	IY	4600	3	LS	Sevita Genetics
Katonda R2		RR2Y	1.1		5100	3		Elite Seeds
Kultana R2		RR2Y	1.1	BR	5400	na		Elite Seeds
Maxo R2		RR2Y	1.1	BR	5000	4		Prograin
NSC Garnet RR2Y		RR2Y	1.1	BR	5200	2*		Northstar Genetics
PS 1162 R2	1c	RR2Y	1.1	BL	5700	4		PRIDE Seeds
S10-S1	SCN 1k, 3a	RR2Y	1.1	BR	5000	na		Syngenta Canada, Inc.
S11-N4	SCN	RR2Y	1.1	BF	5400	na		Syngenta Canada, Inc.
Soido R2	1k	RR2Y	1.1	BL	5600	2		Elite Seeds
SVX14T1S3			1.1	IY	4400	2*	LS	Sevita International
5A105RR2	1k	RR2Y	1.2	Y	4500	2		Dow Seeds
CF31GR	SCN 1c	RR2Y	1.2	BL	5000	1		Country Farm Seeds 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
HP - High Protein
SCN - SCN Resistant
L-LA - Low-Linolenic Acid

Herbicide Reaction
RR - Roundup Ready
RR2Y - Roundup Ready 2 Yield
LL - Liberty Link
MS - Metribuzin Sensitive

Seed Supply
LS - Limited Supply
NA - Not Available

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

Variety	Notes	Herbicide Reaction	Relative Maturity*	Hilum Colour	Seeds per Kg	Phytophthora Root Rot % Plant Loss**	Seed Supply	Distributor
Corvette R2		RR2Y	1.2	IBL	5000	2		SeCan
DH530			1.2	IY	4800	8		Sevita International
HDC Carlow			1.2	Y	4200	na		Hensall District Co-op Inc
P12T82R	1k	RR	1.2	BR	5100	1		Pioneer Hi-Bred Ltd.
RR2 Galaxy		RR2Y	1.2	BL	5700	2*		Maizex Seeds Inc.
S12-A5	1c, 3a		1.2	BR	4700	0		Syngenta Canada, Inc.
S12-H2	SCN 1c	RR2Y	1.2	BL	4700	2*		Syngenta Canada, Inc.
5A130RR2		RR2Y	1.3	BL	5600	4		Dow Seeds
Arius			1.3	Y	3900	1*		Prograin
Bakara	1c		1.3	IY	4300	0		Prograin
HS 13C38			1.3	Y	4800	1		Dow Seeds
Karra			1.3	Y	4700	5		Prograin
Mateo R2		RR2Y	1.3	BL	4500	2		Prograin
Osaka			1.3	Y	4800	3*		Synagri
PS 1315 NR2	SCN	RR2Y	1.3	BL	5800	3*		PRIDE Seeds
RR2 Titanium	SCN	RR2Y	1.3	BL	5800	4		Maizex Seeds Inc.
Volt R2	SCN	RR2Y	1.3	BL	5000	3*		SeCan
DH4173			1.4	Y	4800	2		Sevita International
DS146D1	1c	RR2Y	1.4		4300	na		Dow Seeds
HS 11RY07	1c	RR2Y	1.4	BL	5600	5		Dow Seeds
HS 14RYS44	SCN	RR2Y	1.4	BL	5000	8*		Dow Seeds
Lampman LL		LL	1.4	BL	5100	4		Elite Seeds
OAC Nation			1.4	IY	4500	3		SeCan
S14-A6	SCN 1k, 3a	RR2Y	1.4	BL	4700	na		Syngenta Canada, Inc.
29-62RY	SCN 1c	RR2Y	1.5	BL	5200	na		DEKALB
HDC Goshen	SCN		1.5	Y	4400	3		Hensall District Co-op Inc
HS 15RYS45	SCN 1k	RR2Y	1.5	IBL	5400	2		Dow Seeds
P15T46R2	SCN 1c	RR2Y	1.5	IBL	5400			Pioneer Hi-Bred Ltd.
P15T83R	SCN 1k	RR	1.5	BR	4800	3		Pioneer Hi-Bred Ltd.
PH1HP			1.5	Y	5400	na		Parish and Heimbecker
S15-P1	SCN 1c	RR2Y	1.5	BL	4800	3*		Syngenta Canada, Inc.
91Y61		RR	1.6	BR	4800	5		Pioneer Hi-Bred Ltd.
ADV Cadet			1.6	Y	4200	1		Hensall District Co-op Inc
DH410SCN	SCN		1.6	Y	5000	2		Sevita International
DH4202			1.6	Y	4500	3		Sevita International
HDC 1600T			1.6	Y	4900	2		Hensall District Co-op Inc
OAC Avatar			1.6	Y	4700	2		SeCan
OAC Calypso			1.6	IY	4600	3		Sevita International
PS 1670 NR2	SCN 1k	RR2Y	1.6	BL	5200	1		PRIDE Seeds
S16-F5	SCN 1c		1.6	Y	4100	2*		Syngenta Canada, Inc.
DS177P1	SCN 1k	RR2Y	1.7	BL	5300	na		Dow Seeds
PS 1716 R2	1c	RR2Y	1.7	BF	5800	na		PRIDE Seeds
RR2 Pulsar	SCN	RR2Y	1.7	BL	6400	na		Maizex Seeds Inc.
30-12RY	SCN 1c	RR2Y	1.8	BL	6000	0*		DEKALB
Aviator			1.8	BR	4600	1	LS	Sevita International
Imana R2	SCN 1k	RR2Y	1.8	BF	5200	3		Elite Seeds

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

Variety	Notes	Herbicide Reaction	Relative Maturity*	Hilum Colour	Seeds per Kg	Phytophthora Root Rot % Plant Loss**	Seed Supply	Distributor
P18T31R	SCN 1k	RR	1.8	BL	4700	3*		Pioneer Hi-Bred Ltd.
PRO 3025R2C	SCN 1k	RR2Y	1.8	BL	5900	3		PRO Seeds
RR2 Gold	SCN 1k	RR2Y	1.8	BL	5500	3		Maizex Seeds Inc.
S18-C2	SCN 1c	RR2Y	1.8	BL	5200	3		Syngenta Canada, Inc.
S18-R6	SCN 1a		1.8	Y	4800	1		Syngenta Canada, Inc.
CF43GR	SCN 1h, 1k	RR2Y	1.9	BL	6000	10		Country Farm Seeds Ltd.
HDC Blake			1.9	Y	4000	1		Hensall District Co-op Inc
HS 19RYS14	SCN 1c, 1k	RR2Y	1.9	BL	5700	0		Dow Seeds
P19T01R	SCN 1k	RR	1.9	BR	5000	3		Pioneer Hi-Bred Ltd.
CF41GR	SCN 1c, 1k	RR2Y	2.0	IBL	5500	4		Country Farm Seeds Ltd.
Mersea			2.0	Y	4600	3		SeCan
PS 2025 NR2	SCN 1c	RR2Y	2.0	BL	5500	2*		PRIDE Seeds
PS 2082 NR2	SCN 1c	RR2Y	2.0	IBL	5800	4		PRIDE Seeds
RR2 Optic	SCN 1c	RR2Y	2.0	IBL	6900	na		Maizex Seeds Inc.
S19-Z9	SCN	RR2Y	2.0	BL	5700	2*		Syngenta Canada, Inc.
S20-G7	1c		2.0	Y	4600	2		Syngenta Canada, Inc.
S20-T6	SCN 1c	RR2Y	2.0	BL	5800	3		Syngenta Canada, Inc.
Candor			2.1	Y	3800	6	LS	Sevita International
Carda R2		RR2Y	2.1		7000	4*		Elite Seeds
HS 21CS43	SCN 1c		2.1	Y	5500	4		Dow Seeds
OAC Kent			2.1	Y	4600	2		SeCan
S21-C3	SCN 1c		2.1	Y	5400	3		Syngenta Canada, Inc.
CF52GR	SCN 1k	RR2Y	2.2	IBL	6600	3		Country Farm Seeds Ltd.
HS 22RYS03	SCN 1c	RR2Y	2.2	IBL	6100	3		Dow Seeds
OAC Brooke			2.2	Y	4400	3		SeCan
OAC Marvel	SCN		2.2	Y	4600	0		Huron Commodities Inc.
OAC Prosper	SCN		2.2	Y	5000	3		Huron Commodities Inc.
P22T69R	SCN 1k	RR	2.2	BL	6600	3		Pioneer Hi-Bred Ltd.
S22-S1	SCN 1c	RR2Y	2.2	BR	6200	5		Syngenta Canada, Inc.
X790P	HP		2.2	Y	4000	3		Hensall District Co-op Inc
31-61RY	SCN 1c	RR2Y	2.3	BL	5900	6		DEKALB
OAC Thamesville			2.3	Y	4400	3		Southwest Seeds
PS 2335 NR2	SCN 1c	RR2Y	2.3	IBL	6200	3*		PRIDE Seeds
PS 2393 NR2	SCN	RR2Y	2.3	IBL	6400	1		PRIDE Seeds
RR2 Impact	SCN 1k	RR2Y	2.3	IBL	6200	1		Maizex Seeds Inc.
RR2 Spectra	SCN	RR2Y	2.3	BL	6200	na		Maizex Seeds Inc.
SG 2311			2.3	Y	4800	8		Huron Commodities Inc.

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
HP - High Protein
SCN - SCN Resistant
L-LA - Low-Linolenic Acid

Herbicide Reaction
RR - Roundup Ready
RR2Y - Roundup Ready 2 Yield
LL - Liberty Link
MS - Metribuzin Sensitive

Seed Supply
LS - Limited Supply
NA - Not Available

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

Variety	Notes	Herbicide Reaction	Relative Maturity*	Hilum Colour	Seeds per Kg	Phytophthora Root Rot % Plant Loss**	Seed Supply	Distributor
31-12RY	SCN 1c	RR2Y	2.4	BL	6000	1*		DEKALB
Dart RR	SCN	RR2Y	2.4	IBL	6200	3		SeCan
HS 24RYS01	SCN 1c	RR2Y	2.4	IBL	5900	3		Dow Seeds
P24T05R	SCN 1k	RR	2.4	BL	7200	2		Pioneer Hi-Bred Ltd.
P24T19R	SCN 1k	RR	2.4	BF	6500	2		Pioneer Hi-Bred Ltd.
32-12RY	SCN 1c	RR2Y	2.5	IBL	5600	1*		DEKALB
5A255RR2	SCN 1a	RR2Y	2.5	IBL	5800	3		Dow Seeds
92Y55	SCN 1k	RR	2.5	BL	6600	2		Pioneer Hi-Bred Ltd.
AAC 26-15			2.5	Y	4700	3		Huron Commodities Inc.
AAC Malden	SCN		2.5	Y	4300	3		SeCan
DF 155			2.5	Y	4600	4		AGRIS Co-operative Ltd.
HS 25RYS47	SCN	RR2Y	2.5	BL	5500	2		Dow Seeds
P25T51R	SCN 1c, 3a	RR	2.5	BR	6000	3		Pioneer Hi-Bred Ltd.
S25-L9	SCN 1c	RR2Y	2.5	BF	6300	na		Syngenta Canada, Inc.
CF53GR	SCN 1k	RR2Y	2.6	BR	5500	3		Country Farm Seeds Ltd.
CF65GR	SCN 1k, 3a	RR2Y	2.6	BL	5100	2*		Country Farm Seeds Ltd.
Equinox R2	SCN 1c, 3a	RR2Y	2.6	IBL	5500	1*		SeCan
RR2 Capella	SCN 1c	RR2Y	2.6	IBL	6300	na		Maizex Seeds Inc.
32-62RY	SCN 1c, 3a	RR2Y	2.7	BR	6300	na		DEKALB
CF60GR	SCN 1k	RR2Y	2.7	IBL	5700	3		Country Farm Seeds Ltd.
S27-J7	SCN 1k	RR2Y	2.7	BL	5300	na		Syngenta Canada, Inc.
Thesan R2	SCN 1c	RR2Y	2.7	BF	5700	3		Elite Seeds
92Y83	SCN 1k	RR	2.8	BL	5900	1		Pioneer Hi-Bred Ltd.
P28T08R	SCN 1k	RR	2.8	BL	5400	4*		Pioneer Hi-Bred Ltd.
RR2 Dynamite	SCN 1k	RR2Y	2.8	IBL	5800	3		Maizex Seeds Inc.
S28-D3	SCN	RR2Y	2.8	BL	6500	na		Syngenta Canada, Inc.
AAC Stern	SCN		2.9	Y	5100	2		SG Ceresco, Inc.
PS 2955 NR2	SCN 1k	RR2Y	2.9	IBL	5800	4*		PRIDE Seeds
S30-E9	SCN 1c	RR2Y	2.9	BF	5600	1		Syngenta Canada, Inc.
93Y05	SCN 1k	RR	3.0	BL	5500	2		Pioneer Hi-Bred Ltd.
HS 30RYS53	SCN	RR2Y	3.0	BL	5900	5*		Dow Seeds
S31-L7	SCN 1c	RR2Y	3.1	IBL	6500	3		Syngenta Canada, Inc.
P32T83L	SCN 1c	LL	3.2	BF	5100	1		Pioneer Hi-Bred Ltd.
S32-L8	SCN 1c	RR2Y	3.2	BR	5800	na		Syngenta Canada, Inc.
P33T72R	SCN 1k	RR	3.3	BL	5900	3		Pioneer Hi-Bred Ltd.
S34-Z1	SCN 1c	RR2Y	3.4	BL	5600	6*		Syngenta Canada, Inc.

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
HP - High Protein
SCN - SCN Resistant
L-LA - Low-Linolenic Acid

Herbicide Reaction
RR - Roundup Ready
RR2Y - Roundup Ready 2 Yield
LL - Liberty Link
MS - Metribuzin Sensitive

Seed Supply
LS - Limited Supply
NA - Not Available

TABLE 2.1a AGRONOMIC DATA AT MATURITY GROUP 00 (2100-2300 HU) AREAS , RR TEST

Variety	Days to Mature	NEW LISKEARD Yield Index 1 year	Plant Height (cm)	Lodging 1=standing 5=flat
P001T34R	113	72	47	1.0
P002T04R	113	85	62	1.0
S0009-M2	114	92	68	1.0
NSC Moosamin	116	84	55	1.0
NSC Libau RR2Y	119	98	65	1.0
Mahony R2	120	104	72	1.0
PS 0035 NR2	120	98	76	1.0
Mcleod R2	122	104	71	1.0
22-60RY	124	102	58	1.0
Notus R2	124	93	60	1.0
Kendo R2	126	96	75	1.0
Pekko R2	126	98	69	1.0
P006T78R	127	93	60	1.0
PS 0055 R2	128	103	69	1.0
Podaga R2	129	101	76	1.0
Vito R2	129	99	79	1.0
Hydra R2	130	105	79	1.0
PRO 2525R2	130	107	74	1.0
S007-Y4	130	110	67	1.0
Sampsa R2	130	108	62	1.0
NSC Jaden RR2Y	132	114	78	1.0
Lono R2	133	108	71	1.0
Currie R2	135	107	71	1.0
Astro R2	138	119	78	1.0
Average yield (T/ha)		3.23		
(bu/ac)		47.8		

Testing Locations: Table 2.1a	
New Liskeard	2015

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

Variety	Days to Mature	AVERAGE Yield Index 1 year	AVERAGE Yield Index 2 year	AVERAGE Yield Index 3 year	ARTHUR Yield Index 2 year	ARTHUR Yield Index 3 year	DUNDALK Yield Index 2 year	ELORA Yield Index 2 year	ELORA Yield Index 3 year	OTTAWA Yield Index 2 year	Plant Height (cm)	Lodging 1=standing 5=flat
S007-Y4	112	72	89	**93**	84	**89**	100	86	**88**	97	60	1.8
Vito R2	114	79	79	**80**	79	**78**	85	75	**75**	84	69	2.2
900Y61	115	80	88	**86**	82	**77**	86	84	**83**	96	62	1.4
HS 007RY32	116	95	96	**94**	90	**87**	101	94	**93**	97	69	2.0
Lono R2	116	108	104	**--**	104	**--**	--	105	**--**	--	67	2.3
S00-N6	116	93	97	**99**	92	**93**	110	98	**101**	94	75	1.4
HS 006RYS24	116	96	95	**97**	94	**94**	100	94	**98**	96	73	2.1
P008T70R	116	92	98	95	97	93	90	95	95	99	65	2.1
90Y01	118	97	99	**98**	99	**96**	98	99	**102**	95	67	1.5
NSC Osborne RR2Y	118	108	108	**108**	105	**107**	104	112	**113**	103	79	1.4
PS 0074 R2	118	98	103	**104**	100	**99**	120	99	**101**	104	68	2.6
PRO 2525R2	118	103	102	**104**	103	**107**	113	99	**101**	100	79	2.1
P01T23R	119	98	100	**98**	98	**92**	98	97	**97**	103	65	1.7
P008T22R2	119	96	96	**97**	98	**98**	99	98	**96**	98	76	2.3
Sampsa R2	120	87	91	**93**	84	**86**	91	88	**91**	103	64	2.0
25-10RY	120	116	109	109	114	116	107	111	112	102	74	1.9
Kendo R2	120	106	101	--	101	--	--	99	--	--	75	2.1
LS 008R21	120	112	109	**107**	106	**106**	112	107	**107**	104	74	2.1
NSC Jaden RR2Y	120	117	113	**110**	116	**117**	111	115	**114**	100	77	2.3
S00-T9	121	108	99	**103**	107	**110**	107	99	**102**	96	74	2.0
Astro R2	122	110	102	**103**	106	**108**	91	105	**106**	102	74	1.9
PRO 2535R2	123	122	113	**112**	117	**119**	109	115	**111**	108	85	2.5
RR2 Fusion	123	111	97	**100**	99	**102**	93	100	**99**	101	73	2.5
CF05GR	125	115	100	--	102	--	--	106	--	--	76	2.2
Theo R2	126	115	105	**105**	109	**109**	93	107	**106**	106	82	1.5
CF01GR	128	133	109	**108**	113	**115**	82	113	**110**	114	79	2.3
	DTM (1yr)											
Pekko R2	112	86	--	--	--	--	--	--	--	--	--	--
S006-W5	112	91	--	--	--	--	--	--	--	--	--	--
Notus R2	113	71	--	--	--	--	--	--	--	--	--	--
NSC Austin	113	94	--	--	--	--	--	--	--	--	--	--
P006T78R	113	79	--	--	--	--	--	--	--	--	--	--
24-12RY	115	76	--	--	--	--	--	--	--	--	--	--
Podaga R2	118	101	--	--	--	--	--	--	--	--	--	--
Hydra R2	120	106	--	--	--	--	--	--	--	--	--	--
NSC Caribou	132	117	--	--	--	--	--	--	--	--	--	--
Average yield (T/ha)		2.46	2.71	**2.77**	2.17	**2.22**	2.28	3.20	**3.00**	3.74		
(bu/ac)		36.5	40.2	**41.1**	32.2	**32.9**	33.8	47.4	**44.5**	55.5		

Testing Locations: Table 2.1b			
Arthur	2013	2014	2015
Dundalk	2013	2014	--
Elora	2013	2014	2015
Ottawa	2013	2014	--

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

Variety	Days to Mature	AVERAGE Yield Index 1 year	AVERAGE Yield Index 2 year	AVERAGE Yield Index 3 year	ELORA Yield Index 2 year	ELORA Yield Index 3 year	LINDSAY Yield Index 2 year	LISTOWEL Yield Index 2 year	OTTAWA Yield Index 2 year	OTTAWA Yield Index 3 year	WINCHESTER Yield Index 1 year	Plant Height (cm)	Lodging 1=standing 5=flat
NSC Osborne RR2Y	114	94	94	--	97	--	98	89	92	--	--	79	1.6
LS 008R21	116	99	95	**96**	97	**97**	86	103	94	**96**	95	77	1.8
Hydra R2	116	98	97	**97**	99	**99**	101	91	97	**97**	94	78	1.5
NSC Jaden RR2Y	117	91	93	**94**	101	**102**	98	78	94	**93**	88	82	1.8
S04-D3	117	91	96	**97**	100	**98**	92	96	96	**98**	100	78	1.3
PS 0242 R2	117	94	94	**94**	93	**96**	88	107	88	**89**	90	78	1.4
Astro R2	118	94	94	**95**	99	**100**	94	92	90	**92**	94	77	1.6
RR2 Fusion	118	99	92	**94**	93	**93**	93	89	91	**98**	97	76	1.5
PRO 2535R2	119	97	97	**97**	104	**106**	104	80	96	**96**	90	89	2.2
5A050RR2	120	102	101	**100**	96	**94**	100	99	109	**108**	97	77	1.5
Ekurana R2	120	102	103	**100**	103	**98**	99	110	99	**98**	92	85	1.4
PS 0416 R2	120	102	101	**102**	103	**104**	90	108	102	**102**	104	77	1.4
26-10RY	121	89	93	**95**	91	**92**	97	89	97	**98**	101	69	1.4
P05T24R	121	101	98	100	97	98	102	96	98	99	105	76	1.4
Altitude R2	121	107	109	--	108	--	114	101	114	--	--	70	1.5
Nitro R2	121	96	97	99	100	102	95	94	98	100	99	81	1.6
Venture R2	121	104	102	--	106	--	101	99	101	--	--	85	1.7
CF13GR	121	100	101	**103**	105	**106**	103	99	96	**102**	104	78	1.4
27-12RY	122	103	101	**100**	105	**102**	101	97	101	**101**	96	78	1.5
RR2 Bronze	122	101	101	**103**	107	**107**	101	101	94	**95**	113	87	1.7
PRO 2625R2	122	106	103	**102**	102	**102**	107	103	99	**100**	99	78	1.4
PS 0340 R2	122	86	89	**91**	89	**91**	86	89	93	**94**	91	72	1.4
P06T28R	122	95	97	**96**	97	**95**	97	93	100	**99**	90	79	1.6
PS 0753 R2	122	105	100	**102**	97	**98**	103	99	102	**105**	104	78	1.6
Theo R2	122	95	93	**94**	97	**94**	96	85	94	**97**	99	83	1.6
HS 05RYS25	122	94	100	100	99	98	102	100	99	100	105	78	1.4
S06-C4	123	105	102	--	105	--	96	105	103	--	--	73	1.5
Montero R2	123	104	101	**102**	101	**100**	97	103	104	**105**	101	79	1.5
CF01GR	123	111	104	**104**	101	**100**	105	106	105	**105**	102	82	1.4
5A040RR2	123	97	98	**100**	101	**104**	97	96	98	**101**	99	83	1.7
PS 0650 R2	123	101	97	**97**	99	**96**	99	96	96	**96**	98	70	1.3
Mundo R2	124	103	101	**104**	97	**99**	109	97	103	**104**	113	76	1.4
Medea R2	124	105	102	**103**	102	**103**	103	107	96	**99**	105	81	1.7
Camaro R2	124	104	102	102	101	99	108	102	97	102	98	76	1.6
S07-B6	124	112	107	--	99	--	114	113	103	--	--	76	1.7
S08-U4	125	106	105	**105**	104	**107**	108	108	101	**101**	98	83	1.3
HS 03RY33	125	107	102	**102**	99	**101**	97	108	104	**103**	99	84	1.7
OAC Challenger R2	125	104	106	**106**	105	**108**	106	100	111	**109**	98	87	3.0
90Y90	125	108	100	100	98	97	95	106	101	102	98	80	1.3
Corvette R2	125	105	105	--	102	--	105	108	107	--	--	83	1.6
Absolute RR	126	112	104	104	100	101	112	101	102	101	109	83	1.8
HS 08RY51	126	99	103	--	96	--	96	111	111	--	--	74	1.5
CF12GR	126	107	101	**101**	100	**99**	103	100	101	**101**	103	85	1.8
Mirada RR	126	106	103	**106**	99	**105**	97	114	102	**104**	113	78	1.3
RR2 Cobalt	126	97	95	97	96	96	94	98	94	96	103	73	1.4
P09T74R2	127	108	103	--	102	--	96	109	106	--	--	80	1.5
HS 09RYS12	127	111	106	104	103	99	103	119	102	103	101	79	1.4
NSC Garnet RR2Y	127	114	103	--	102	--	104	106	103	--	--	84	2.2
5A075RR2	127	113	110	110	115	113	111	97	117	111	115	85	2.1
NSC Pegasis RR2Y	128	108	103	--	104	--	105	100	102	--	--	83	1.9
CF23GR	129	108	101	--	94	--	99	111	102	--	--	82	1.5
NSC Caribou	130	89	94	--	92	--	98	92	96	--	--	83	1.5
	DTM (1yr)												
Pekko R2	108	76	--	--	--	--	--	--	--	--	--	--	--
Notus R2	109	64	--	--	--	--	--	--	--	--	--	--	--
Lono R2	110	84	--	--	--	--	--	--	--	--	--	--	--
Sampsa R2	111	82	--	--	--	--	--	--	--	--	--	--	--
Podaga R2	114	80	--	--	--	--	--	--	--	--	--	--	--
26-14RY	117	110	--	--	--	--	--	--	--	--	--	--	--
S10-P9	124	107	--	--	--	--	--	--	--	--	--	--	--
DS085F1	126	100	--	--	--	--	--	--	--	--	--	--	--
S11-N4	126	109	--	--	--	--	--	--	--	--	--	--	--
Average yield (T/ha)		3.27	3.52	**3.58**	3.81	**3.53**	3.44	3.19	3.62	**3.62**	4.75		
(bu/ac)		48.5	52.2	**53.1**	56.5	**52.3**	51.1	47.4	53.7	**53.7**	70.4		

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

Variety	Days to Mature	AVERAGE Yield Index 1 year	AVERAGE Yield Index 2 year	AVERAGE Yield Index 3 year	ELORA Yield Index 2 year	ELORA Yield Index 3 year	LINDSAY Yield Index 1 year	LISTOWEL Yield Index 2 year	OTTAWA Yield Index 2 year	OTTAWA Yield Index 3 year	WINCHESTER Yield Index 1 year	Plant Height (cm)	Lodging 1=standing 5=flat
Anser	111	72	81	**82**	79	**80**	86	75	84	**84**	90	73	1.6
Misty	113	88	90	--	95	--	83	86	93	--	--	77	1.4
AAC Mandor	114	86	90	**89**	95	**94**	94	90	84	**84**	83	77	1.8
DH401	114	90	92	--	98	--	92	92	87	--	--	75	1.5
Meteor	115	92	90	--	103	--	87	87	84	--	--	75	1.6
OAC Petrel	115	91	95	**94**	97	**94**	98	90	96	**94**	97	81	1.7
Toma	115	78	87	88	76	79	91	86	95	95	91	72	1.3
DH863	115	92	90	--	100	--	84	90	84	--	--	73	1.5
Amadeus	115	82	85	**87**	85	**87**	89	80	86	**86**	101	77	1.3
Jari	116	96	98	**97**	102	**103**	100	105	88	**89**	92	83	1.6
Chikala	116	73	76	76	72	73	79	76	77	77	76	75	1.4
Astor	118	100	98	--	99	--	96	94	101	--	--	72	1.3
Hana	118	91	95	97	87	94	96	98	100	99	101	71	1.1
P04T10	119	94	95	--	97	--	87	93	97	--	--	76	1.8
Asuka	119	96	97	**97**	96	**93**	94	94	102	**101**	101	75	1.1
S03-W4	119	99	99	97	96	96	102	100	97	98	89	80	1.4
P07T86	119	103	99	--	94	--	102	100	99	--	--	86	1.3
Auriga	120	92	96	**96**	97	**99**	93	97	97	**96**	91	80	1.5
Narita	120	102	99	98	93	95	94	103	102	101	93	76	1.3
SVX14T00S3	120	103	102	--	106	--	94	109	98	--	--	73	1.3
OAC Strive	121	105	101	**103**	101	**106**	96	100	104	**105**	103	87	1.5
Celebrity	121	108	104	**102**	105	**100**	108	103	103	**103**	101	78	1.7
DH618	121	101	103	**104**	108	**109**	102	99	102	**103**	104	79	1.6
Kyoto	122	86	96	**98**	89	**92**	95	95	103	**104**	106	74	1.1
Taurus	122	97	97	**96**	95	**96**	95	100	97	**95**	93	89	1.5
AAC Vireo	123	95	101	**102**	100	**99**	94	106	101	**102**	107	78	1.2
OAC Lakeview	123	111	108	**105**	109	**110**	106	114	102	**99**	93	79	1.7
OAC Wallace	123	103	106	**107**	98	**104**	114	101	113	**111**	107	80	1.7
OAC Champion	123	108	103	**104**	107	**109**	105	105	97	**97**	111	82	2.1
PRO 275	123	108	105	**104**	106	**109**	106	105	103	**103**	98	76	1.6
S07-D2	124	104	98	**97**	102	**100**	105	88	99	**96**	103	89	1.8
Marula	124	100	101	**104**	98	**105**	98	100	105	**107**	105	85	1.3
S07-M8	124	104	107	**106**	99	**102**	105	112	112	**110**	97	78	1.4
Etna	124	100	104	**101**	94	**92**	108	106	108	**106**	97	74	1.3
OAC Drayton	124	109	107	**107**	99	**102**	112	106	113	**113**	102	83	1.6
OAC Eve	125	98	99	**101**	99	**105**	99	94	102	**101**	108	84	1.8
OAC Durham	125	113	107	106	108	107	110	109	102	101	109	75	1.9
OAC Prescott	125	118	113	**109**	115	**112**	114	112	111	**109**	100	87	1.9
Furio	126	99	97	--	97	--	93	96	99	--	--	83	1.4
P05T80	127	113	108	107	112	110	102	110	106	103	112	89	1.7
Factor	127	122	110	**108**	118	**114**	101	111	106	**106**	102	84	2.0
DS045C0	127	114	111	--	115	--	116	112	105	--	--	93	1.5
Neptune	127	108	107	107	108	110	106	100	112	108	114	82	1.7
Osaka	129	107	108	--	100	--	117	115	106	--	--	76	2.1
Saska	129	110	105	**104**	98	**98**	105	113	104	**103**	106	81	1.4
HS 09C02	129	106	104	**102**	99	**93**	109	99	109	**106**	106	75	1.5
SVX14T0S6	130	120	115	--	118	--	112	122	109	--	--	85	2.5
Gladiator	130	109	104	**102**	113	**109**	100	105	97	**96**	102	92	2.3
OAC Nation	130	105	100	**102**	104	**109**	96	95	102	**102**	104	96	1.9
Emperor	132	111	114	**112**	112	**114**	126	113	110	**109**	103	79	1.5
SVX14T0S4	132	109	106	--	106	--	105	109	104	--	--	86	2.1
	DTM (1yr)												
OAC Morden	115	78	--	--	--	--	--	--	--	--	--	--	--
Average yield (T/ha)		3.31	3.50	**3.45**	3.26	**3.08**	3.84	3.26	3.82	**3.64**	4.03		
(bu/ac)		49.1	51.9	**51.2**	48.3	**45.6**	56.9	48.3	56.6	**54.0**	59.7		

Testing Locations: Table 3			
Elora	2013	2014	2015
Lindsay	--	2014	2015 *
Listowel	--	2014	2015
Ottawa	2013	2014	2015
Winchester	2013	--	--

* RR Only

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

Variety	Days to Mature	AVERAGE Yield Index 1 year	AVERAGE Yield Index 2 year	AVERAGE Yield Index 3 year	EXETER Yield Index 2 year	EXETER Yield Index 3 year	ST. MARYS Yield Index 2 year	ST. MARYS Yield Index 3 year	WINCHESTER Yield Index 2 year	WOODSTOCK Yield Index 2 year	WOODSTOCK Yield Index 3 year	Plant Height (cm)	Lodging 1=standing 5=flat
S10-P9	123	93	94	**93**	98	**97**	96	**96**	92	89	**87**	80	1.2
Medea R2	124	92	93	**94**	100	**100**	85	**90**	90	95	**97**	87	1.6
27-62RY	124	101	100	--	100	--	100	--	--	96	--	91	1.2
Altitude R2	125	105	103	--	106	--	99	--	--	99	--	82	1.4
P12T82R	125	96	95	**95**	93	**92**	92	**94**	98	95	**96**	83	1.3
Corvette R2	125	94	97	**98**	101	**97**	94	**95**	97	96	**102**	90	1.4
91Y01	125	91	95	**95**	95	**96**	99	**101**	86	98	**99**	87	1.4
HS 09RYS12	126	104	102	**97**	103	**100**	100	**95**	102	97	**92**	86	1.3
CF23GR	126	102	100	**101**	95	**97**	99	**99**	107	97	**100**	91	1.4
NSC Pegasis RR2Y	126	94	92	--	87	--	95	--	--	91	--	89	1.5
PRO 2845R2C	126	103	104	--	104	--	100	--	--	103	--	85	1.4
RR2 Galaxy	126	105	97	--	97	--	94	--	--	90	--	84	1.6
5A075RR2	127	108	105	**104**	103	**102**	104	**102**	105	108	**106**	86	1.5
NSC Garnet RR2Y	127	95	94	--	88	--	96	--	--	94	--	88	1.8
5091RR2Y	127	94	94	**95**	88	**90**	99	**98**	101	91	**92**	96	1.5
RR2 Cobalt	127	98	95	**94**	103	**99**	97	**96**	94	85	**87**	83	1.5
S12-H2	127	104	104	--	104	--	105	--	--	100	--	85	1.3
RR2 Titanium	127	97	97	**100**	92	**94**	100	**101**	103	97	**103**	85	1.3
Maxo R2	127	100	102	**105**	96	**100**	106	**106**	101	112	**111**	88	1.6
PS 1162 R2	127	101	104	**100**	101	**99**	100	**99**	105	103	**98**	89	1.5
Ajok R2	127	97	95	**96**	93	**94**	98	**97**	100	92	**95**	90	1.3
Katonda R2	128	99	99	**101**	99	**102**	98	**99**	99	101	**105**	86	1.2
HS 11RY07	128	103	103	**105**	97	**102**	110	**108**	106	102	**103**	91	1.5
5A130RR2	128	89	96	**97**	103	**105**	96	**98**	95	90	**89**	87	1.5
Volt R2	128	102	104	--	105	--	102	--	--	103	--	92	1.6
28-60RY	128	94	98	**99**	102	**103**	94	**97**	98	102	**98**	98	1.9
P15T83R	129	98	98	**100**	105	**106**	91	**95**	97	98	**100**	84	1.3
Soido R2	129	96	101	**102**	98	**100**	100	**103**	100	104	**104**	85	1.7
PS 1315 NR2	129	103	104	--	107	--	102	--	--	110	--	98	1.9
PS 1670 NR2	129	94	95	**99**	97	**95**	100	**100**	94	101	**105**	90	2.0
P15T46R2	129	106	104	--	105	--	109	--	--	102	--	92	1.6
CF31GR	129	102	102	**102**	107	**104**	95	**99**	99	112	**105**	91	1.8
91Y61	131	91	95	**98**	100	**99**	100	**102**	97	88	**95**	90	1.6
5A105RR2	131	106	107	**108**	101	**103**	107	**109**	109	118	**112**	88	1.6
HS 15RYS45	132	106	102	**99**	104	**103**	105	**100**	101	96	**90**	81	1.6
S15-P1	133	100	102	--	103	--	106	--	--	103	--	89	1.9
P18T31R	133	112	108	--	107	--	102	--	--	109	--	86	1.3
S18-C2	134	107	105	**105**	103	**103**	104	**104**	108	107	**104**	93	2.1
Mateo R2	134	102	101	**102**	93	**97**	103	**103**	103	109	**106**	92	1.7
Imana R2	135	113	110	**111**	112	**114**	110	**110**	110	106	**108**	91	1.6
P19T01R	137	108	106	**105**	104	**106**	106	**103**	102	111	**110**	91	1.3
	DTM (1yr)												
HS 08RY51	123	94	--	--	--	--	--	--	--	--	--	--	--
RR2 Atlas	123	99	--	--	--	--	--	--	--	--	--	--	--
S10-S1	123	113	--	--	--	--	--	--	--	--	--	--	--
S11-N4	125	99	--	--	--	--	--	--	--	--	--	--	--
DS085F1	126	100	--	--	--	--	--	--	--	--	--	--	--
Kultana R2	126	87	--	--	--	--	--	--	--	--	--	--	--
HS 14RYS44	127	103	--	--	--	--	--	--	--	--	--	--	--
28-15RY	128	99	--	--	--	--	--	--	--	--	--	--	--
DS177P1	128	101	--	--	--	--	--	--	--	--	--	--	--
S14-A6	128	102	--	--	--	--	--	--	--	--	--	--	--
29-62RY	128	102	--	--	--	--	--	--	--	--	--	--	--
PS 1716 R2	134	103	--	--	--	--	--	--	--	--	--	--	--
DS146D1	135	103	--	--	--	--	--	--	--	--	--	--	--
Average yield (T/ha)		3.93	3.87	**3.89**	4.03	**3.80**	3.45	**3.60**	4.97	3.44	**3.56**		
(bu/ac)		58.3	57.5	**57.7**	59.8	**56.4**	51.2	**53.4**	73.7	51.0	**52.8**		

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

Variety	Days to Mature	AVERAGE Yield Index 1 year	AVERAGE Yield Index 2 year	AVERAGE Yield Index 3 year	EXETER Yield Index 2 year	EXETER Yield Index 3 year	ST. MARYS Yield Index 2 year	ST. MARYS Yield Index 3 year	WINCHESTER Yield Index 2 year	WOODSTOCK Yield Index 2 year	WOODSTOCK Yield Index 3 year	Plant Height (cm)	Lodging 1=standing 5=flat
Colby	121	102	99	**99**	103	**104**	95	**96**	99	94	**96**	80	1.3
DH4173	123	97	97	**98**	96	**93**	95	**97**	100	101	**102**	82	1.1
Furio	124	90	91	--	94	--	85	--	--	89	--	89	1.3
Havane	124	100	98	**96**	99	**99**	100	**99**	93	98	**94**	89	1.4
HDC Carlow	125	99	98	--	95	--	98	--	--	100	--	90	1.5
DH5170	125	96	98	**101**	102	**102**	98	**99**	100	97	**101**	90	1.7
SVX14T1S3	126	101	100	--	101	--	99	--	--	105	--	94	1.5
DH4202	126	109	105	**104**	101	**103**	109	**106**	103	102	**105**	79	1.4
Grandor	126	98	100	**102**	103	**104**	95	**99**	105	100	**103**	88	1.7
Acora	126	97	98	**97**	96	**97**	103	**99**	93	98	**97**	96	1.5
Emperor	127	98	100	--	102	--	99	--	--	103	--	82	1.5
Osaka	127	93	95	--	96	--	101	--	--	83	--	81	1.2
ADV Cadet	127	90	92	**91**	92	**89**	96	**91**	90	91	**93**	99	1.5
Bakara	127	98	99	**98**	97	**97**	101	**96**	99	101	**100**	92	1.4
AAC Zaurak	127	91	95	**93**	97	**96**	98	**97**	80	98	**97**	86	1.9
Black Pearl	127	97	98	**95**	98	**97**	104	**99**	90	93	**91**	95	1.5
Karra	127	102	101	**100**	101	**101**	103	**106**	102	95	**92**	83	1.2
DH530	128	96	99	**102**	105	**106**	89	**95**	103	103	**106**	88	1.4
S12-A5	128	107	105	**105**	109	**107**	101	**104**	115	96	**97**	84	1.3
Eider	128	95	100	**100**	95	**94**	104	**104**	95	109	**106**	98	1.6
HS 13C38	128	99	98	**99**	95	**95**	95	**98**	104	100	**99**	87	1.5
DH410SCN	129	99	98	**99**	97	**98**	99	**97**	104	101	**98**	92	1.3
Aviator	129	103	104	**103**	104	**103**	106	**105**	102	101	**103**	94	2.0
OAC Calypso	130	113	107	107	104	102	96	102	116	115	109	93	1.8
PH1HP	130	103	101	**--**	98	**--**	107	**--**	--	101	**--**	86	1.4
S18-R6	130	102	102	101	105	104	95	98	98	109	103	91	1.2
Arius	130	100	99	**--**	97	**--**	99	**--**	--	108	**--**	104	1.6
HDC Blake	130	109	106	**104**	98	**100**	112	**108**	104	105	**105**	90	1.5
HDC Goshen	131	97	97	**96**	98	**97**	93	**90**	96	104	**101**	97	1.7
HDC 1600T	131	105	102	**100**	106	**105**	104	**102**	98	91	**93**	82	1.3
OAC Avatar	131	105	106	**106**	100	**102**	109	**108**	103	112	**109**	93	1.6
Lampman LL	131	106	107	**105**	109	**108**	109	**105**	108	99	**100**	88	1.3
Candor	134	108	105	--	107	--	103	--	--	97	--	90	1.5
	DTM (1yr)												
SVX14T0S4	126	96	--	--	--	--	--	--	--	--	--	--	--
S16-F5	127	97	--	--	--	--	--	--	--	--	--	--	--
Average yield (T/ha)		3.68	3.67	**3.71**	3.90	**3.69**	3.70	**3.69**	4.38	2.97	**3.33**		
(bu/ac)		54.6	54.4	**55.1**	57.8	**54.7**	54.9	**54.7**	65.0	44.1	**49.3**		

Testing Locations: Table 4			
Exeter	2013	2014	2015
St.Marys	2013	2014	2015
Winchester	2013	--	2015
Woodstock	2013	2014	2015

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		
S18-C2	120	98	93	96	**95**	91	**96**	97	94	97	**97**	89	**91**	80	1.5
PS 2082 NR2	121	93	94	96	**96**	92	**93**	93	94	91	**91**	98	**100**	85	1.5
RR2 Gold	121	91	96	94	**95**	97	**104**	98	100	101	**99**	100	**97**	80	1.3
Imana R2	122	90	94	92	**97**	96	**98**	104	104	107	**105**	99	**102**	84	1.3
HS 22RYS03	123	94	92	96	**96**	88	**86**	100	98	100	**100**	94	**99**	76	1.3
S20-T6	123	103	99	103	**104**	96	**100**	103	105	104	**104**	105	**106**	80	1.3
P22T69R	123	102	98	100	**102**	97	**96**	98	99	100	**99**	97	**97**	77	1.0
PRO 3025R2C	123	99	99	94	**96**	104	**110**	104	103	105	**106**	101	**101**	81	1.4
30-12RY	124	108	107	97	--	117	--	101	101	103	--	99	--	85	1.5
CF43GR	124	91	97	109	**106**	86	**93**	100	101	106	**107**	94	**96**	79	1.3
PS 2393 NR2	124	100	94	101	**102**	88	**93**	98	94	95	**98**	92	**97**	84	1.5
P19T01R	124	100	100	102	**100**	99	**97**	97	105	109	**106**	99	**101**	80	1.3
PS 2025 NR2	125	107	106	110	--	103	--	100	98	102	--	93	--	81	1.6
HS 19RYS14	125	112	111	107	**101**	116	**122**	100	99	99	**101**	100	**99**	85	1.4
S22-S1	125	89	94	98	**96**	90	**86**	97	98	101	**100**	94	**96**	76	1.4
CF52GR	125	92	95	97	**97**	93	**101**	91	94	93	**95**	96	**98**	83	1.5
RR2 Impact	126	96	96	101	**103**	91	**88**	103	104	105	**102**	102	**104**	80	1.4
S19-Z9	126	106	104	106	--	103	--	104	100	99	--	102	--	82	1.4
P24T05R	126	99	100	99	**102**	101	**110**	108	110	107	**105**	114	**109**	81	1.1
Dart RR	126	99	103	105	**103**	101	**100**	101	99	99	**96**	99	**99**	80	1.4
92Y55	126	98	98	93	100	104	106	103	101	101	100	101	104	81	1.3
PS 2335 NR2	126	106	99	101	**--**	97	**--**	101	95	95	**--**	96	**--**	88	1.5
31-61RY	127	112	95	96	**89**	94	**88**	98	101	97	**98**	106	**102**	87	1.6
P25T51R	127	114	103	94	97	112	114	101	102	100	99	105	104	83	1.4
Carda R2	127	107	98	94	**--**	102	**--**	104	99	93	**--**	106	**--**	89	1.8
P24T19R	128	100	104	99	101	109	105	107	105	102	101	110	106	83	1.4
Equinox R2	128	110	104	95	--	112	--	103	106	103	--	109	--	90	1.5
31-12RY	129	117	113	111	--	114	--	98	96	89	--	105	--	96	2.0
CF53GR	129	106	104	103	**--**	106	**--**	107	103	106	**--**	100	**--**	82	1.3
HS 25RYS47	129	97	99	103	**100**	96	**92**	95	94	98	**96**	89	**89**	77	1.4
Thesan R2	129	102	105	102	**107**	107	**113**	97	99	100	**98**	99	**100**	89	1.6
HS 24RYS01	130	95	97	100	**99**	94	**98**	92	91	89	**93**	94	**95**	89	2.1
5A255RR2	132	114	108	110	**114**	105	**109**	108	108	104	**105**	112	**109**	90	1.9
	DTM (1yr)														
DS177P1	121	83	--	--	--	--	--	96	--	--	--	--	--	--	--
RR2 Optic	126	102	--	--	--	--	--	100	--	--	--	--	--	--	--
RR2 Pulsar	126	90	--	--	--	--	--	95	--	--	--	--	--	--	--
RR2 Spectra	128	90	--	--	--	--	--	95	--	--	--	--	--	--	--
S25-L9	131	88	--	--	--	--	--	102	--	--	--	--	--	--	--
Average yield (T/ha)		2.87	3.22	3.27	**3.08**	3.17	**3.05**	4.87	4.53	5.28	**5.34**	3.78	**3.82**		
(bu/ac)		42.6	47.8	48.5	**45.7**	47.0	**45.3**	72.2	67.2	78.3	**79.2**	56.1	**56.6**		

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

Variety	Days to Mature	CLAY AVG Yield Index 1 year	CLAY AVG Yield Index 2 year	INWOOD Yield Index 2 year	INWOOD Yield Index 3 year	PALMYRA Yield Index 2 year	PALMYRA Yield Index 3 year	LOAM AVG Yield Index 1 year	LOAM AVG Yield Index 2 year	RIDGETOWN Yield Index 2 year	RIDGETOWN Yield Index 3 year	TALBOTVILLE Yield Index 2 year	TALBOTVILLE Yield Index 3 year	Plant Height (cm)	Lodging 1=standing 5=flat
HDC 1600T	117	85	89	90	**87**	87	**91**	92	98	104	**104**	91	**94**	73	1.2
HDC Goshen	118	101	98	98	**94**	98	**95**	102	99	101	**96**	97	**94**	84	1.2
S18-R6	119	97	92	98	**89**	86	**86**	104	102	107	**105**	97	**98**	79	1.1
OAC Prosper	119	113	105	98	**98**	111	**111**	109	104	104	**106**	104	**103**	81	1.7
HDC Blake	120	98	104	105	**108**	103	**102**	105	103	103	**102**	103	**102**	84	1.4
OAC Kent	120	104	105	102	**104**	108	**107**	94	98	98	**97**	99	**98**	85	1.8
HS 21CS43	122	99	99	94	**91**	105	**101**	97	94	98	**97**	89	**89**	76	1.3
S20-G7	122	79	90	94	**96**	86	**92**	88	93	94	**91**	92	**97**	86	1.2
Mersea	123	106	103	107	**109**	99	**101**	106	104	106	**104**	101	**105**	86	1.4
Candor	123	101	102	105	**108**	98	**101**	108	106	111	**109**	99	**100**	80	1.3
OAC Marvel	123	102	106	102	**103**	110	**112**	98	96	90	**95**	103	**103**	88	1.3
SG 2311	123	113	111	108	**107**	114	**111**	96	96	93	**97**	101	**100**	83	1.3
OAC Brooke	124	108	104	108	**105**	101	**104**	117	116	117	**115**	116	**112**	77	1.3
OAC Thamesville	124	99	102	103	**106**	101	**100**	105	109	112	**108**	106	**107**	85	1.2
S21-C3	124	100	97	94	**92**	100	**96**	103	107	105	**106**	109	**110**	86	1.4
X790P	126	75	78	83	**83**	74	**76**	78	78	73	**77**	86	**84**	84	1.8
AAC Malden	129	103	99	96	**102**	102	**104**	94	95	93	**94**	99	**99**	90	1.6
AAC 26-15	130	124	111	106	**106**	116	**113**	97	96	86	**89**	108	**107**	92	1.5
DF 155	130	94	104	109	**110**	100	**96**	106	105	108	**106**	101	**98**	85	1.6
Average yield (T/ha)		3.04	3.29	3.29	**3.07**	3.29	**3.29**	4.19	4.09	4.61	**4.79**	3.56	**3.63**		
(bu/ac)		45.1	48.8	48.8	**45.5**	48.8	**48.8**	62.2	60.6	68.4	**71.1**	52.9	**53.8**		

Testing Locations: Table 5			
Inwood	2013	2014	2015
Palmyra	2013	2014	2015
Ridgetown	2013	2014	2015
Talbotville	2013	2014	2015

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

Variety	Days to Mature	CLAY AVG Yield Index 1 year	CLAY AVG Yield Index 2 year	MERLIN Yield Index 2 year	MERLIN Yield Index 3 year	WOODSLEE Yield Index 2 year	WOODSLEE Yield Index 3 year	LOAM AVG Yield Index 1 year	LOAM AVG Yield Index 2 year	CHATHAM Yield Index 2 year	CHATHAM Yield Index 3 year	MALDEN Yield Index 2 year	MALDEN Yield Index 3 year	Plant Height (cm)	Lodging 1=standing 5=flat
CF53GR	123	98	96	94	**95**	98	**96**	95	98	99	**101**	96	**99**	77	1.1
HS 25RYS47	123	96	99	94	**94**	103	**103**	90	93	94	**97**	92	**93**	73	1.0
Dart RR	123	91	98	98	**95**	98	**98**	89	92	91	**94**	94	**98**	77	1.2
Thesan R2	124	105	103	105	**107**	101	**100**	106	99	99	**104**	98	**100**	84	1.4
CF60GR	125	87	93	94	**95**	91	**92**	86	93	84	**87**	101	**104**	75	1.1
HS 24RYS01	125	100	100	98	**98**	102	**106**	95	100	102	**104**	98	**98**	86	1.5
P28T08R	126	104	100	101	--	99	--	107	106	110	--	102	--	81	1.1
92Y83	126	104	107	114	**111**	100	**103**	98	102	101	**104**	102	**102**	79	1.0
S30-E9	126	101	93	86	**89**	101	**100**	103	99	97	**99**	100	**99**	80	1.1
5A255RR2	128	105	104	106	--	102	--	108	106	109	--	104	--	85	1.5
PS 2955 NR2	128	109	107	106	--	108	--	102	104	100	--	107	--	85	1.3
32-12RY	128	106	102	101	--	103	--	107	105	108	--	103	--	84	1.5
RR2 Dynamite	128	99	98	103	**108**	93	**98**	94	95	95	**100**	95	**99**	85	1.3
93Y05	129	104	104	109	**112**	99	**100**	100	105	105	**108**	105	**104**	83	1.1
HS 30RYS53	130	98	92	92	--	91	--	102	99	100	--	99	--	82	1.3
CF65GR	130	100	100	102	--	99	--	100	98	101	--	96	--	81	1.1
S31-L7	130	99	96	87	**87**	104	**100**	97	95	97	**98**	94	**96**	79	1.3
P33T72R	131	116	112	113	**109**	111	**105**	107	103	100	**104**	106	**108**	83	1.2
S34-Z1	131	103	95	95	--	95	--	114	107	108	--	107	--	91	1.5
	DTM (1yr)														
RR2 Capella	123	97	--	--	--	--	--	96	--	--	--	--	--	--	--
S28-D3	125	86	--	--	--	--	--	93	--	--	--	--	--	--	--
S25-L9	127	91	--	--	--	--	--	104	--	--	--	--	--	--	--
S27-J7	128	99	--	--	--	--	--	103	--	--	--	--	--	--	--
S32-L8	130	101	--	--	--	--	--	111	--	--	--	--	--	--	--
32-62RY	132	101	--	--	--	--	--	93	--	--	--	--	--	--	--
Average yield		4.12	4.08	3.88	**3.30**	4.28	**4.04**	4.68	4.72	4.35	**3.98**	5.09	**4.90**		
(bu/ac)		61.0	60.5	57.5	**48.9**	63.5	**59.9**	69.4	70.0	64.5	**59.1**	75.4	**72.7**		

TABLE 6.2 AGRONOMIC DATA AT LATE MATURITY GROUP 2 (3300-3500 HU) AREAS , CONVENTIONAL 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		
OAC Kent	118	93	99	97	**99**	101	**102**	106	101	105	**102**	97	**95**	79	1.6
OAC Thamesville	119	95	96	101	**102**	92	**93**	92	98	98	**96**	98	**96**	79	1.1
Mersea	120	101	100	104	**101**	96	**97**	114	108	109	**109**	106	**106**	82	1.5
OAC Brooke	121	106	103	101	**100**	105	**104**	101	101	100	**104**	103	**106**	71	1.1
OAC Marvel	121	92	94	97	**100**	91	**95**	82	89	87	**90**	92	**91**	83	1.4
AAC 26-15	124	93	95	98	**100**	91	**96**	88	93	90	**93**	96	**96**	83	1.5
DF 155	124	110	107	104	**100**	110	**109**	111	104	103	**100**	106	**105**	82	1.4
AAC Malden	126	104	102	93	**98**	111	**107**	107	104	110	**108**	98	**96**	83	1.4
P32T83L	129	105	104	101	**99**	107	**104**	97	99	98	**97**	101	**107**	91	1.5
AAC Stern	129	108	100	103	**101**	96	**94**	106	102	101	**102**	102	**102**	84	1.4
	DTM (1yr)														
SG 2311	120	93	--	--	--	--	--	96	--	--	--	--	--	--	--
Average yield (T/ha)		4.00	4.14	4.08	**3.62**	4.20	**4.05**	4.69	4.58	4.63	**4.43**	4.52	**4.53**		
(bu/ac)		59.4	61.4	60.6	**53.7**	62.3	**60.1**	69.6	67.9	68.7	**65.7**	67.1	**67.2**		

Testing Locations: Table 6			
Merlin	2013	2014	2015
Woodslee	2013	2014	2015
Chatham	2013	2014	2015
Malden	2013	2014	2015

TABLE 7. RESISTANT VARIETY PERFORMANCE IN SCN INFESTED FIELDS

Round-up Ready Varieties*

Variety	Average of 6 Tests (2013-2015)		Average of 4 Tests (2014-2015)		Source of Resistance
	Days to Maturity	Yield Index (%)	Days to Maturity	Yield Index (%)	
Lono R2	97	75	98	75	PI 88788
Hydra R2	101	74	101	72	PI 88788
HS 09RYS12	106	105	107	108	PI 88788
PRO 2845R2C	--	--	108	118	PI 88788
Ajok R2	--	--	108	93	PI 88788
S12-H2	--	--	109	113	PI 88788
HS 14RYS44	112	112	111	115	PI 88788
P15T83R	111	105	112	104	PI 88788
HS 15RYS45	111	109	113	113	PI 88788
P15T46R2	--	--	113	119	PI 88788
S18-C2	115	112	114	112	PI 88788
S15-P1	--	--	115	116	PI 88788
P18T31R	--	--	116	126	PI 88788
P22T69R	118	122	117	122	Peking
P19T01R	118	114	117	114	PI 88788
PRO 3025R2C	117	125	117	128	PI 88788
HS 19RYS14	118	124	118	125	PI 88788
P24T05R	120	117	118	116	
S19-Z9	--	--	118	119	PI 88788
92Y55	120	115	120	116	PI 88788
P25T51R	121	121	121	125	PI 88788
P24T19R	122	112	121	119	PI 88788
HS 25RYS47	--	--	121	115	PI 88788
HS 24RYS01	123	116	122	120	PI 88788
S30-E9	124	116	123	121	PI 88788
PS 2955 NR2	--	--	124	121	PI 88788
5A255RR2	125	118	125	122	PI 88788
92Y83	125	114	125	113	PI 88788
S27-J7	--	--	126	119	PI 88788
P28T08R	--	--	126	120	PI 88788

Round-up Ready Varieties (continued) *

Variety	Average of 6 Tests (2013-2015)		Average of 4 Tests (2014-2015)		Source of Resistance
	Days to Maturity	Yield Index (%)	Days to Maturity	Yield Index (%)	
S31-L7	127	119	126	120	PI 88788
HS 30RYS53	--	--	127	109	PI 88788
93Y05	127	120	127	118	PI 88788
P33T72R	130	118	130	118	PI 88788
S34-Z1	--	--	131	114	PI 88788
** Susceptible Yield Index is:		100%		100%	
Susceptible Yield (RR):		3.52 T/ha		3.52 T/ha	
		52.2 bu/ac		52.2 bu/ac	

Conventional Varieties

Variety	Average of 6 Tests (2013-2015)		Average of 4 Tests (2014-2015)		Source of Resistance
	Days to Maturity	Yield Index (%)	Days to Maturity	Yield Index (%)	
Celebrity	102	98	103	105	PI 88788
SVX14T0S4	--	--	111	107	PI 88788
S18-R6	112	113	112	119	PI 88788
HDC Goshen	113	112	113	116	PI 88788
DH410SCN	114	112	114	115	PI 88788
S16-F5	113	110	114	116	PI 88788
S21-C3	117	119	117	120	PI 88788
HS 21CS43	--	--	117	123	PI 88788
OAC Marvel	--	--	118	120	PI 88788
AAC Stern	127	97	126	102	PI 88788
PS 2834 NLL	127	122	127	128	PI 88788
P32T83L	129	125	129	127	PI 88788
** Susceptible Yield Index is:		100%		100%	
Susceptible Yield (Conv):		3.32 T/ha		3.34 T/ha	
		49.2 bu/ac		49.5 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 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@oopscc.org**.

Protein & Oil Index
Protein Index (%) and Oil (%) are found 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 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.

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.

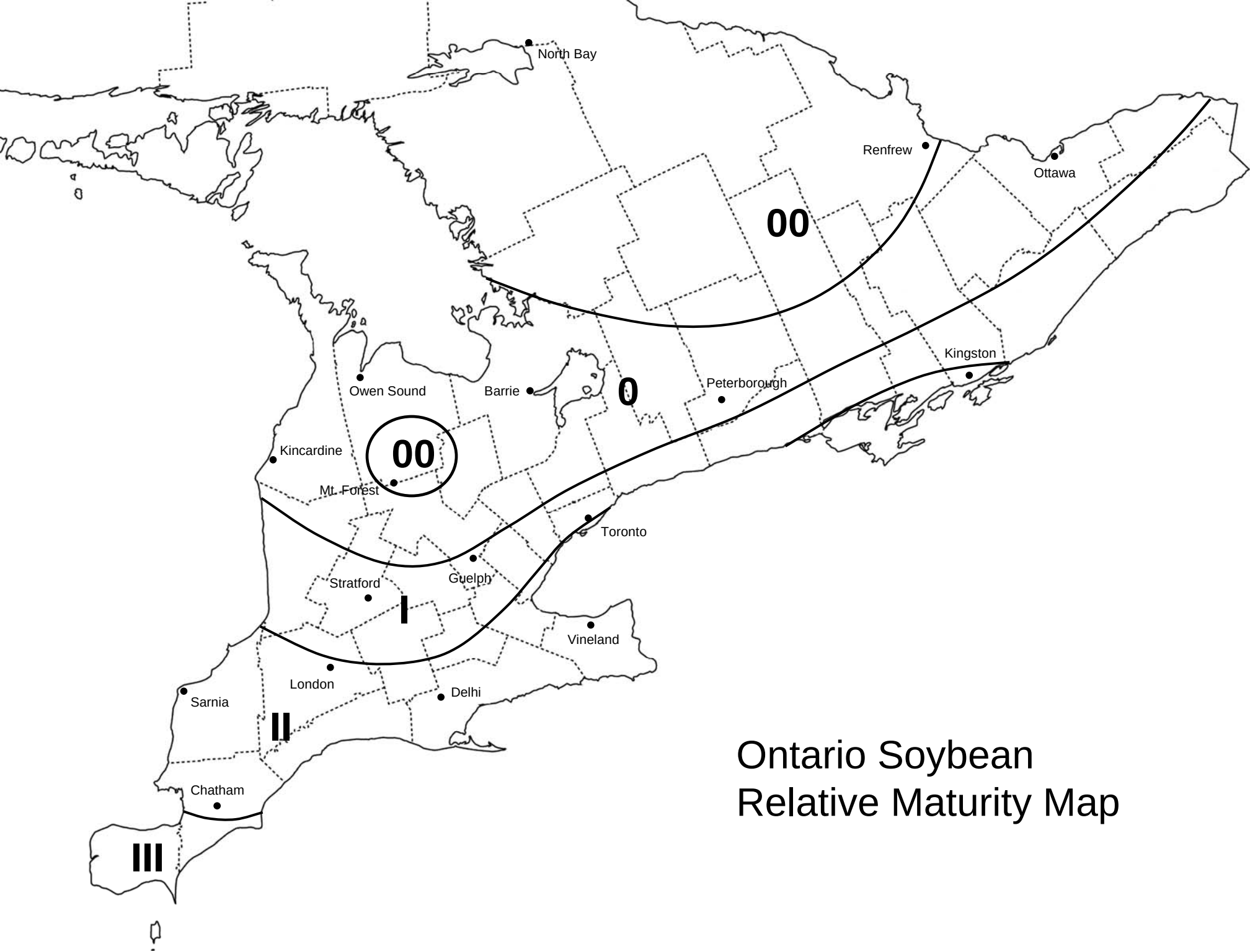
Food Soybean Varieties (F)
The Conventional and Food soybean variety trials were combined for the first time in 2006. All conventional and food varieties were grown in the same test sites in all three years for which data is presented.

Test Locations and Soil Types - 2015 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	48	168,000	Leo Blydorp	ORDC, AAFC, Ottawa
Arthur	2b	0.2	clay loam	48	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	40	200,000	Research Centre, AAFC, Ottawa	ORDC, AAFC, Ottawa
Listowel	3	0.7	loam	48	168,000	Kyle Coglin	ORDC, AAFC, Ottawa
Lindsay	3	0.9	loam	48	168,000	Ed Bagshaw	ORDC, AAFC, Ottawa
Winchester	4	1	clay loam	35	200,000	Kemptville Campus, U of Guelph	Kemptville Campus, U of Guelph
Woodstock	4	1.8	clay loam	35	200,000	Bob Hart	OAC, U of Guelph
Exeter	4	1.7	clay loam	38	200,000	Bill Essery	Ridgetown Campus, U of Guelph
St. Mary's	4	1.5	clay loam	35	200,000	Alex Gibson	OAC, U of Guelph
Talbotville	5	2.3	clay loam	48	168,000	Tom Oegema	Ridgetown Campus, U of Guelph
Palmyra	5	2.7	clay	43	200,000	Chris Quinton	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

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		www.beechwoodagri.com
Bramhill Seeds	5220 Hwy 23, RR #2, Palmerston, ON, N0G 2P0	519-343-3630	519-343-2037	carl@bramhillseeds.com www.bramhillseeds.com
Country Farm Seeds Ltd.	P.O. Box 790, 18814 Communication Road, Blenheim, ON, N0P 1A0	1-800-449-3990	519-676-9633	heather.coatsworth@countryfarmseeds.com 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
Dow Seeds	5 Hyland Drive, Blenheim, ON, N0P 1A0	519-676-8146	519-676-6800	hloucas@dow.com http://www.dowseeds.com/en-ca/canada
Dupont Pioneer	PO Box 730, 7398 Queen's Line, Chatham, ON, N7M 5L1	1-800-265-9435	519-380-2014	www.pioneer.com/Canada
Elite Seeds	Distributor: The Agromart Group, Thorndale, ON, N0M 2P0	450-799-2326		seedadmin@agromartgroup.com www.agromartgroup.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
Huron Commodities Inc.	79 Wellington St., Clinton, ON, N0M 1L0	519-482-8400	519-482-8383	w.wheeler@huron.com www.huron.com
Maizex Seeds Inc.	4488 Mint Line, RR #2, Tilbury, ON, N0P 2L0	519-682-1720	519-682-2144	www.maizex.com
Northstar Genetics	Box 1682, Carman, MB, R0G 0J0	204-750-4000	204-745-9654	cdurand@northstargeneticsmb.com www.weknowbeans.com
Parrish and Heimbecker Hensall	P.O. Box 160, Hensall, ON, N0M 1X0	1-519-262-2410	1-519-262-3126	jvanderslikke@parrishandheimbecker.com
PRIDE Seeds	PO Box 1088, Chatham, ON, N7M 5L6	1-800-265-5280	519-354-8155	www.prideseed.com
PRO Seeds	595570 County Road 59, RR #6 Woodstock, ON, N4S 7W1	519-537-5157	519-533-0773	admin@proseeds.ca www.proseeds.ca
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 Genetics **Sevita International**	11451 Cameron Road, Inkerman, ON, K0E 1J0	613-989-5400	613-989-2200	rong@sevita.com www.sevita.ca
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	519-674-0388	
Syngenta Canada, Inc.	140 Research Lane, Guelph, ON, N1G 4Z3	1-888-366-4211	1-888-717-7122	www.nkcanada.com


North Bay
Renfrew
Ottawa
00
Kingston
Owen Sound
Barrie
0
Peterborough
Kincardine
00
Mt. Forest
Toronto
Stratford
Guelph
I
Vineland
London
Delhi
Sarnia
II
Chatham
III
Ontario Soybean
Relative Maturity Map