

2010 REPORT

Ontario Soybean Variety Trials For 2007-2009

by the
Ontario Oil & Protein
Seed Crop Committee

Research conducted and reported by

UNIVERSITY
of GUELPH

Ontario Agricultural College
Ridgetown Campus
Kemptville Campus

 Agriculture and
Agri-Food Canada
Harrow - GPCRC

Agriculture et
Agroalimentaire Canada
Ottawa - ECORC



*This publication was made possible by a
grant from Grain Farmers of Ontario
www.gfo.ca*



GoSoy.ca

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 Ontario Soybean Growers, 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.

© (1987) OOPSCC. Any reproduction of this report must include at least an entire table. Requests for reproduction must be made to Soybean Data Coordinator, OOPSCC, Box 947, Harrow ON NOR 1G0. Email: soyinfo@oopsc.org.

Copyright/Permission to Reproduce

Materials in this Publication were produced and/or compiled by the Ontario Oil and Protein Seed Crop Committee for the purpose of providing growers with direct access to information about the soybean varieties. The material in this publication is covered by the provisions of the Copyright Act and by Canadian laws and regulations. Such provisions serve to identify the information source and, in specific instances, to prohibit reproduction of materials in part or whole without written permission from the Ontario Oil and Protein Seed Crop Committee.

TABLE OF CONTENTS

Interpretation of Table 1	2
Interpretation of Tables 2 to 6	3
Table 1 - Variety List and Descriptions	4
Test Locations and Soil Types	7
Table 2 – Agronomic Data 2300-2500 Heat Unit Areas	7
Table 3 – Agronomic Data 2500-2800 Heat Unit Areas	8
Table 4 – Agronomic Data 2700-2900 Heat Unit Areas	9
Table 5 – Agronomic Data 2900-3300 Heat Unit Areas	10
Table 6 – Agronomic Data 3300-3500 Heat Unit Areas	11
Table 7 – Resistant Variety Performance in SCN Infested Fields	12
List of Distributors	13

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)

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.

Heat Unit Grouping

Using the same crop heat unit system as for corn, each variety is given a heat unit rating based on the relative maturity of that variety in the most recent 2 years of test results. The varieties are placed into groups of 50 heat units. The varieties are sorted in early to late order within the 50 heat unit group. In choosing a variety you should select those varieties approximately equal to or less than the heat units available on your farm.

Relative Maturity

Ranking of maturities has been initiated to provide producers with a rating system that is similar to the USA soybean industry standards. 2010 is the first year of ranking provided by the seed sponsors and as a result some rankings are not available. Rankings are not assigned by OOPSCC.

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 and Ottawa.

White Mold variety ratings will be listed when available on the web at www.Gosoy.ca.

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@oopscc.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 in 2003. 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.

Table 1. Soybean Variety Performance List and Descriptions

Variety	Notes	Herbicide Reaction	Heat		Hilum Colour	Seeds per Kg	Phytophthora		Seed Supply	Distributor
			Unit Grouping	Relative Maturity*			Root	Rot % Plant Loss**		
Prius RR	HP	RR	2450	00.4	BR	5800	na		Prograin	
PS 0027 RR	1k	RR		00.5	BL	5900	2*		PRIDE Seeds	
S00-W3	1a	RR		00.3	GR	6300	7*		Syngenta Seeds Canada, Inc.	
24-52R		RR		00.8	BL	5400	5		DEKALB Monsanto Canada Inc.	
Chikala	F		2500		Y	11000	8		Huron Commodities Inc.	
OAC Peak		RR		0.08	BR	5100	3	LS	SeCan	
PRO 2515R	1k	RR			IBL	5400	4*		PRO Seeds of Canada	
S00-H7	1c	RR		00.7	GR	6500	na		Syngenta Seeds Canada, Inc.	
90M02	1k	RR		0.0	BL	6100	3		Pioneer Hi-Bred Ltd.	
25-52R	1k	RR	2550	0.2	BL	5200	1		DEKALB Monsanto Canada Inc.	
DKB00-99	1a	RR		00.9	BR	5600	2		DEKALB Monsanto Canada Inc.	
Korus	F			00.9	IY	4900	na		Prograin	
PRO 25-53					IY	4900	8		PRO Seeds of Canada	
PRO 2590R		RR			BR	5500	3		PRO Seeds of Canada	
Renfrew		RR		0.5	IY	5200	5		SeCan	
RT0207		RR		0.2	GR	6600	3*		Land O'Lakes, Inc.	
Toma				00.7	IY	4600	na		Prograin	
90M40	1k	RR		0.4	BL	5700	2		Pioneer Hi-Bred Ltd.	
90Y20	1k	RR		0.2	BR	6200	4		Pioneer Hi-Bred Ltd.	
HS 02R28		RR		0.2	BR	5800	3*		Hyland Seeds	
90M01	1k	RR	2600	0.0	Y	5700	4		Pioneer Hi-Bred Ltd.	
90M60	1c	RR		0.6	BR	5100	5		Pioneer Hi-Bred Ltd.	
DH420	F				LBR	4400	4		Hendrick Seeds	
Drew				0.0	IY	5000	4		C&M Seeds	
OAC Hanover		RR		0.5	BR	5300	8		SeCan	
PRO 26-53					IY	4400	6		PRO Seeds of Canada	
PRO 2615R	1k	RR			BL	5300	4		PRO Seeds of Canada	
PS 0340 R2	1c	RR2Y		0.3	IBL	6300	na		PRIDE Seeds	
PS 46 RR		RR		0.3	IBL	4800	5		PRIDE Seeds	
Saska					IY	5500	na		Prograin	
Auriga	F				Y	4900	na		La Coop fédérée	
CF0606R		RR			IY	6100	4		Country Farm Seeds Ltd.	
HS 05R17		RR		0.5	IY	5700	2*	LS	Hyland Seeds	
RT0395	1a	RR		0.3	BL	6100	5		Land O'Lakes, Inc.	
0256RR	1c	RR	2650	0.3	BL	5800	3		Syngenta Seeds Canada, Inc.	
26-55R	1k	RR		0.6	BL	6000	3		DEKALB Monsanto Canada Inc.	
ADV Windfall	F				IY	4600	7		Advantage Seed Growers	
Elma RR		RR		1.1	BR	5900	6		C&M Seeds	
Howick	HP			0.0	IY	4300	5		C&M Seeds	
Naya	1c			0.4	IY	4700	3		Prograin	
OAC Bayfield	F			0.6	BR	4800	4		SeCan	
OAC Champion	F				IY	4800	4		PRO Seeds of Canada	
PRO 2690R		RR			BR	4800	8		PRO Seeds of Canada	
S03-W4	F 1c			0.3	IY	5000	2		Syngenta Seeds Canada, Inc.	
S04-Z9	1c	RR		0.4	GR	5300	3*		Syngenta Seeds Canada, Inc.	
Savanna					IY	4700	4		PRO Seeds of Canada	
Venus	F HP			0.5	IY	4400	8		PRO Seeds of Canada	
ADV Ivy-R		RR			BL	6000	5		Advantage Seed Growers	
Kassidy	F				IY	4900	8		PRO Seeds of Canada	
S05-T6	F 1c			0.5	IY	4900	2		Syngenta Seeds Canada, Inc.	
27-07R		RR	2700	0.7	BL	5800	2		DEKALB Monsanto Canada Inc.	
5B054RR	1a	RR			LBR	5900	4		Dow AgroSciences Canada Inc.	
90B73		RR		0.7	BR	5100	5		Pioneer Hi-Bred Ltd.	
Caesar RR		RR		1.0	BL	6000	5	LS	C&M Seeds	
HDC 2701	F HP				Y	4300	4		Hensall District Co-op Inc	
Karlo RR	1c	RR		0.8	BR	4300	1		Prograin	
Madison				0.7	BR	5300	3		Hyland Seeds	
OAC Lakeview	F			0.7	Y	5100	5		SeCan	
OAC Rockwood		RR		0.2	BR	5600	3		SeCan	
RR Mercury		RR			BL	6500	4*		Maizex Seeds Inc.	

*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.

NOTES:

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

Herbicide Reaction
 RR - Roundup Ready
 RR2Y - Roundup Ready 2 Yield

Seed Availability
 LS - Limited Supply
 NA - Not Available

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

Table 1. Soybean Variety Performance List and Descriptions (continued)

Variety	Notes	Herbicide Reaction	Heat		Hilum Colour	Seeds per Kg	Phytophthora		Distributor
			Unit Grouping	Relative Maturity*			Root Rot % Plant Loss**	Seed Supply	
RR React		RR	2700	0.7	BR	6500	4		Hyland Seeds
RR2 Cobalt	SCN	RR2Y			IBL	6000	na		Maizex Seeds Inc.
S06-G6	1c	RR		0.7	BL	5900	4		Syngenta Seeds Canada, Inc.
Dares	F				IY	4600	5*		La Coop fédérée
2606RR		RR	2750		BL	6500	4		Dow AgroSciences Canada Inc.
Acora	1c			1.1	IY	5000	2*		Prograin
Minto		RR		0.7	BR	5300	7		C&M Seeds
OAC Wallace	F			0.9	BR	5100	3		SeCan
PRO 2715R	1k	RR			GR	5900	4		PRO Seeds of Canada
PRO 275					IY	4900	2		PRO Seeds of Canada
PS 56 RR		RR		0.8	BR	5900	2		PRIDE Seeds
RT0995		RR		0.9	BR	5800	7		Land O'Lakes, Inc.
S08-C3	1c	RR		0.8	GR	6000	3*		Syngenta Seeds Canada, Inc.
ADV0405R		RR			BL	6600	4		Advantage Seed Growers
Oria	F			0.9	Y	4000	na		Prograin
PS 1057 RR		RR		1.0	BR	5700	6		PRIDE Seeds
0800RR		RR	2800	0.7	IY	5200	3		SeCan
28-03R	1k	RR		1.0	BL	5500	5		DEKALB Monsanto Canada Inc.
91M01	1k	RR		1.0	BR	5800	5		Pioneer Hi-Bred Ltd.
91M10				1.1	Y	5900	3		Pioneer Hi-Bred Ltd.
CeryxRR		RR		1.0	IY	5900	6		SeCan
Colby				1.1	Y	5000	3		Hyland Seeds
Destiny					IY	4700	6		PRO Seeds of Canada
DH530	F				IY	4900	10	LS	Hendrick Seeds
HS 13C38				1.3	Y	5300	6		Hyland Seeds
OAC Ginty	F			1.4	BR	5500	3		SeCan
S08-M8	SCN	RR		0.8	BL	5900	3*		Syngenta Seeds Canada, Inc.
S10-B7	F 1c			1.0	IY	5600	11		Syngenta Seeds Canada, Inc.
S14-A7	1c	RR		1.4	IY	6000	6*		Syngenta Seeds Canada, Inc.
91Y20	1k	RR		1.2	BL	5900	4		Pioneer Hi-Bred Ltd.
ADV108	F				Y	4800	17		Advantage Seed Growers
HS 12R42		RR		1.2	GR	5900	2	LS	Hyland Seeds
HS N335	F			1.2	Y	12800	5		Hyland Seeds
Vaudreuil RR		RR		1.8	BL	6700	6		SeCan
5N152RR	SCN	RR	2850	1.5	BL	7100	8		Dow AgroSciences Canada Inc.
HS 11R46		RR		1.1	BL	5200	3		Hyland Seeds
Hudson				1.3	BR	6600	2*		Hyland Seeds
OAC Prodigy					IY	4900	2		PRO Seeds of Canada
PRO 2815R		RR			BR	4800	3		PRO Seeds of Canada
PS 73				1.5	BF	5500	6		PRIDE Seeds
RCAT MatRix		RR		1.1	BL	5300	5		SeCan
S12-A5	1c, 3a			1.2	BR	4800	6		Syngenta Seeds Canada, Inc.
S14-K6	1c	RR		1.4	BL	6400	2*		Syngenta Seeds Canada, Inc.
S15-B4		RR2Y		1.5	BL	6800	na		Syngenta Seeds Canada, Inc.
Stargazer	F				Y	4100	2*		Hendrick Seeds
91M41	1k	RR		1.4	BL	6400	5		Pioneer Hi-Bred Ltd.
CF0905R		RR			IY	5100	4		Country Farm Seeds Ltd.
ADV Cadet	F		2900		Y	5200	4		Advantage Seed Growers
OAC Huron	F				Y	4800	3		Huron Commodities Inc.
PRO 2895R		RR			IY	5500	4		PRO Seeds of Canada
RR2 Titanium	SCN	RR2Y			BL	6300	na		Maizex Seeds Inc.
S17-A1	SCN 1a	RR		1.7	GR	5600	3*		Syngenta Seeds Canada, Inc.
S18-R6	F SCN 1a			1.8	Y	4900	6		Syngenta Seeds Canada, Inc.
RT1784A	1k	RR		1.7	BR	6100	4		Land O'Lakes, Inc.
91Y80	SCN 1k, 6	RR	2950	1.8	BL	5900	3*		Pioneer Hi-Bred Ltd.
HDC 1600T	F				Y	5100	1		Hensall District Co-op Inc
HS 18RY09		RR2Y			IBL	6100	na		Hyland Seeds
Katrina					IY	4800	3		PRO Seeds of Canada
OAC Merion	F			1.8	Y	5100	2	LS	SeCan

*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.

NOTES:

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

Herbicide Reaction
 RR - Roundup Ready
 RR2Y - Roundup Ready 2 Yield

Seed Availability
 LS - Limited Supply
 NA - Not Available

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

Table 1. Soybean Variety Performance List and Descriptions (continued)

Variety	Notes	Herbicide Reaction	Heat Unit Grouping	Relative Maturity*	Hilum Colour	Seeds per Kg	Phytophthora		Seed Supply	Distributor
							Root Rot % Plant Loss**			
PRO 2915R		RR	2950		BL	6400		3		PRO Seeds of Canada
RC1820	SCN 1k	RR		1.8	IBL	6400		5		Land O'Lakes, Inc.
RT1992		RR		1.9	LBR	6200		5		Land O'Lakes, Inc.
91Y90		RR		1.9	BR	6300		6		Pioneer Hi-Bred Ltd.
DH410	F SCN				Y	5600		6	LS	Hendrick Seeds
5N204RR	SCN 1k	RR	3000		IBL	6800		2		Dow AgroSciences Canada Inc.
92M10	1c			2.1	Y	6500		5		Pioneer Hi-Bred Ltd.
HL 99	F			2.0	Y	4300		4*		Hyland Seeds
OAC Marvel	SCN				Y	4700		4		Huron Commodities Inc.
RCAT 0704					Y	4800		5		Pioneer Hi-Bred Ltd.
RCAT MiRRa		RR		1.9	IY	5700		5		SeCan
S20-G7	F 1c			2.0	Y	4700		5		Syngenta Seeds Canada, Inc.
Sherwin	SCN			1.9	Y	5200		5		Hyland Seeds
30-07R	SCN 1k	RR		2.1	IBL	6300		6		DEKALB Monsanto Canada Inc.
5201RR2Y	SCN 1c	RR2Y		2.0	IBL	6000		na		Croplan; Hyland; Pride
92Y20	SCN 1k	RR		2.2	BR	6300		2		Pioneer Hi-Bred Ltd.
MK-H076	F		3050		Y	3500		na		Curtis Seeds
OAC Heritage				2.2	Y	5000		7	LS	SeCan
OAC Kent	F			2.1	Y	4700		2		SeCan
PRO 3095R	1k	RR			IY	6500		5		PRO Seeds of Canada
RCAT Pinehurst	F			2.3	Y	5600		4		SeCan
S21-N6	1k	RR		2.1	BR	5500		3*		Syngenta Seeds Canada, Inc.
92Y30	SCN 1k	RR		2.3	IBL	6700		5		Pioneer Hi-Bred Ltd.
92Y31	1c	RR		2.3	GR	5800		11*		Pioneer Hi-Bred Ltd.
X790P	F HP				Y	4100		3		Hensall District Co-op Inc
2355RR		RR	3100	2.2	BL	5500		4		SeCan
92B38		RR		2.3	BR	6000		7		Pioneer Hi-Bred Ltd.
DF 155	F				Y	4600		4*		Southwest Seeds
OAC Thamesville					Y	4700		2		Southwest Seeds
RR Krypton	SCN 1c	RR			BL	6800		3		Maizex Seeds Inc.
RR Rodney		RR			BL	6300		3		Hyland Seeds
S22-A1	1c			2.2	BL	5400		6*		Syngenta Seeds Canada, Inc.
S23-T5	F SCN 1c			2.3	IY	5500		1		Syngenta Seeds Canada, Inc.
S24-K4		RR		2.4	BR	6200		2*		Syngenta Seeds Canada, Inc.
31-10RY	1c	RR2Y		2.4	IBL	5800		na		DEKALB Monsanto Canada Inc.
92M61	SCN	RR		2.6	BF	6500		1		Pioneer Hi-Bred Ltd.
31-52R	SCN	RR	3150	2.5	BL	6300		5		DEKALB Monsanto Canada Inc.
92M74	SCN 1c	RR		2.7	BR	5800		2		Pioneer Hi-Bred Ltd.
HS 24RYS01	SCN	RR2Y		2.4	IBL	5500		na		Hyland Seeds
PRO 30-05	F				IY	4800		4		PRO Seeds of Canada
PS 90 NRR	SCN 1k	RR		2.2	IBL	6100		4		PRIDE Seeds
S23-H2	1a	RR		2.3	BL	6100		2*		Syngenta Seeds Canada, Inc.
S25-A5	SCN	RR		2.5	BR	5900		6		Syngenta Seeds Canada, Inc.
CF2407RN	SCN	RR			BR	6600		3		Country Farm Seeds Ltd.
HS 24R45		RR		2.4	BL	5500		3		Hyland Seeds
32-04R	SCN 1c	RR	3200	2.8	BL	6000		7		DEKALB Monsanto Canada Inc.
92Y80	SCN 1k	RR		2.8	BL	5700		2		Pioneer Hi-Bred Ltd.
Nature	F			2.4	Y	4000		2		SeCan
RC2517	SCN 1k	RR		2.5	BR	6100		7*		Land O'Lakes, Inc.
S26-F9	F SCN 3a			2.6	Y	4900		5		Syngenta Seeds Canada, Inc.
S26-P1	SCN 1k	RR		2.6	BL	6500		4*		Syngenta Seeds Canada, Inc.
S27-C4	SCN 1k	RR		2.7	BL	5900		2*		Syngenta Seeds Canada, Inc.
32-52R	SCN 1k	RR	3250	2.8	IBL	5900		4		DEKALB Monsanto Canada Inc.
32-60RY	SCN 1k	RR2Y		2.6	IBL	5900		na		DEKALB Monsanto Canada Inc.
5N262RR	SCN	RR			BL	5700		2		Dow AgroSciences Canada Inc.
92M91	1k	RR		2.9	BL	5900		3		Pioneer Hi-Bred Ltd.
93Y20	SCN 1k	RR	3300	3.2	BL	5600		na		Pioneer Hi-Bred Ltd.
RC2832	SCN	RR		2.8	BL	6300		4*		Land O'Lakes, Inc.
Storm	SCN	RR		3.4	BR	5500		3		SeCan
RC3125	SCN 1k	RR	3400	3.1	IBL	5600		1*		Land O'Lakes, Inc.

*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.

NOTES:

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

Herbicide Reaction
 RR - Roundup Ready
 RR2Y - Roundup Ready 2 Yield

Seed Availability
 LS - Limited Supply
 NA - Not Available

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

TEST LOCATIONS & SOIL TYPES - 2009 TRIALS

Location	Table	Heat Unit Rating	Soil Type	Row Width (cm)	Seeding Rate (plant/ac)	Co-operator
Dundalk	2	2400	silt loam	35	200,000	Ed Jack
Renfrew	2	2500	sandy loam	40	200,000	Doug Shultz
Listowel	2	2650	loam	60	200,000	Paul Dewar
Elora	2 & 3	2550	silt loam	35	200,000	OAC
Ottawa	3	2650	clay loam	40	200,000	Research Centre, AAFC, Ottawa
Brussels	3	2650	loam	38	200,000	Peel Farms
Winchester	3 & 4	2825	clay loam	35	200,000	Kemptville Campus, U of Guelph
St. Paul's	4	2900	clay loam	35	200,000	Pat Murray
Woodstock	4	2700	clay loam	35	200,000	Bob Hart
Exeter	4	2800	clay loam	35	200,000	Bill Essery
Talbotville	5	2900	clay loam	35	200,000	Tom Oegema
Ridgetown	5	3250	clay loam	43	160,000	Ridgetown Campus, U of Guelph
Inwood	5	3050	clay	43	200,000	Tom Lassaline
Palmyra	5	3100	clay	43	200,000	Chris Quinton
Merlin	6	3300	clay	43	200,000	Grant Guy
Woodslee	6	3400	clay	46	200,000	Research Centre, AAFC, Harrow
Chatham	6	3300	clay loam	43	160,000	Stan Wonnacott
Malden	6	3500	clay loam	46	185,000	Research Centre, AAFC, Harrow

TABLE 2.1 AGRONOMIC DATA AT 2300-2500 HEAT UNIT AREAS (RR VARIETY TEST)

Variety	Days to Mature	Yield Index (%)									Plant Height (cm)	Lodging 1=standing 5=flat
		Dundalk 2yr	Elora 2yr	Elora 3yr	Listowel 2yr	Listowel 3yr	Renfrew 2yr	Renfrew 3yr	Average 2yr	Average 3yr		
S00-W3	116	--	101	--	101	--	89	--	98	--	90	1.6
PRO 2590R	118	89	85	88	94	93	95	94	92	91	86	1.5
PS 0027 RR	119	101	104	104	98	103	97	94	101	100	90	2.4
PRO 2515R	120	104	104	104	109	111	107	106	106	106	95	2.2
OAC Peak	120	116	97	101	97	99	109	108	102	105	86	1.6
90M02	120	95	98	95	99	99	100	97	99	97	84	1.8
24-52R	121	93	104	102	98	96	99	96	100	97	88	1.3
Renfrew	122	102	100	101	98	96	109	108	101	102	100	1.7
25-52R	123	104	110	111	105	108	97	100	104	106	87	1.4
90M01	123	97	97	94	102	95	98	98	98	96	83	1.8
Average yield (T/ha)		2.50	3.19	2.89	3.45	3.09	2.72	2.72	3.14	2.83		
(bu/ac)		37.1	47.3	42.9	51.2	45.8	40.4	40.3	46.6	41.9		

TABLE 2.2 AGRONOMIC DATA AT 2300-2500 HEAT UNIT AREAS (CONV/FOOD VARIETY TEST)

Variety	Days to Mature	Yield Index (%)									Plant Height (cm)	Lodging 1=standing 5=flat
		Dundalk 2yr	Elora 2yr	Elora 3yr	Listowel 2yr	Listowel 3yr	Renfrew 2yr	Renfrew 3yr	Average 2yr	Average 3yr		
PRO 25-53	119	100	100	100	100	100	100	100	100	100	90	2.1
Average yield (T/ha)		1.83	2.97	2.78	3.44	3.15	2.96	2.72	3.05	2.69		
(bu/ac)		27.1	44.1	41.3	51.0	46.7	43.9	40.4	45.2	39.9		

Note: Dundalk 2 yr average includes data from 2007 and 2008 trials only.

Testing Locations: Table 2

Dundalk	2007	2008	--
Elora	2007	2008	2009
Listowel	2007	2008	2009
Renfrew	2007	2008	2009

TABLE 3.1 AGRONOMIC DATA AT 2500-2800 HEAT UNIT AREAS (RR VARIETY TEST)

Variety	Days to Mature	Yield Index (%)								Plant Height (cm)	Lodging 1=standing 5=flat	
		Brussels 2yr	Elora 2yr	Elora 3yr	Ottawa 2yr	Ottawa 3yr	Winchester 2yr	Winchester 3yr	Average 2yr			Average 3yr
RT0207	117	--	91	--	93	--	92	--	91	--	76	1.6
CF0606R	119	99	95	95	94	94	103	97	98	96	77	1.6
PRO 2690R	119	91	96	93	97	96	107	103	99	96	83	1.4
DKB00-99	119	94	100	100	96	96	107	102	101	98	93	1.6
OAC Rockwood	119	89	101	98	92	92	102	96	98	94	81	1.2
HS 05R17	119	--	107	--	94	--	99	--	99	--	74	1.3
PS 46 RR	119	92	93	93	98	96	101	97	97	95	77	1.1
90Y20	121	90	97	98	96	92	101	100	97	96	82	1.6
25-52R	121	99	101	100	100	98	94	95	98	98	84	1.4
Renfrew	121	92	95	93	93	95	106	101	97	96	90	1.3
HS 02R28	122	--	90	--	87	--	88	--	88	--	81	2.1
OAC Hanover	122	92	97	94	89	91	94	93	93	93	90	1.8
S04-Z9	122	--	98	--	108	--	100	--	101	--	85	1.3
PRO 2615R	123	84	98	97	90	90	100	94	95	92	87	1.4
RR React	123	104	98	100	103	103	93	94	99	99	81	1.5
0800RR	123	99	100	101	102	101	93	95	99	99	94	1.5
0256RR	124	99	104	103	102	101	111	106	105	103	81	1.7
27-07R	124	94	103	103	102	101	110	106	103	102	85	1.4
90B73	125	100	96	94	94	95	104	98	99	96	86	1.7
Minto	125	99	102	100	97	98	99	96	99	98	86	1.5
90M40	125	101	102	101	98	97	100	97	100	99	84	1.4
26-55R	126	106	107	105	104	103	115	111	108	106	86	1.4
90M60	126	104	106	105	103	101	91	94	101	101	85	1.1
RT0395	126	99	91	92	96	96	98	97	96	95	91	1.8
Elma RR	126	95	106	104	103	103	92	98	99	101	82	1.3
ADV Ivy-R	126	108	103	104	103	102	104	105	103	105	84	1.7
PS 56 RR	126	98	102	101	101	101	110	106	104	102	90	1.5
S08-C3	126	--	103	--	107	--	105	--	105	--	85	1.2
Caesar RR	127	109	103	103	104	103	81	90	97	100	88	1.6
RT0995	127	113	106	108	112	113	102	108	108	110	91	1.9
5B054RR	127	117	101	103	113	110	92	98	104	105	81	1.5
RCAT MatRix	128	106	107	107	100	103	100	100	103	104	87	1.9
CeryxRR	128	106	104	104	106	105	104	103	105	104	87	1.7
Karlo RR	128	101	102	99	101	99	110	110	104	102	84	1.3
PRO 2715R	129	104	99	100	104	103	100	106	101	103	91	1.3
S06-G6	129	109	94	98	106	106	108	109	103	105	83	1.7
28-03R	129	106	116	115	110	110	100	107	108	110	98	1.9
ADV0405R	133	103	86	90	105	107	85	90	93	97	78	1.4
Average yield (T/ha)		2.36	3.48	3.25	3.49	3.46	3.47	3.51	3.40	3.22		
(bu/ac)		35.0	51.7	48.1	51.8	51.4	51.5	52.1	50.4	47.7		

TABLE 3.2 AGRONOMIC DATA AT 2500-2800 HEAT UNIT AREAS (CON/FOOD VARIETY TEST)

Variety	Days to Mature	Yield Index (%)								Plant Height (cm)	Lodging 1=standing 5=flat	
		Brussels 2yr	Elora 2yr	Elora 3yr	Ottawa 2yr	Ottawa 3yr	Winchester 2yr	Winchester 3yr	Average 2yr			Average 3yr
Drew	118	85	98	100	96	98	100	97	96	96	89	2.1
Venus	F 120	100	103	98	95	97	96	96	98	98	90	1.9
PRO 26-53	123	100	98	101	96	94	98	94	98	97	79	2.0
Kassidy	F 123	105	105	103	102	104	99	103	103	103	83	1.9
Howick	123	96	94	93	89	85	84	84	90	88	92	1.9
Chikala	F 123	87	90	89	91	88	94	87	91	88	85	2.3
S05-T6	F 124	111	105	108	115	113	110	110	110	110	91	2.0
Naya	124	103	99	99	106	105	102	100	102	102	72	1.4
Savanna	125	97	99	99	104	100	110	109	103	102	87	1.9
ADV Windfall	F 126	94	102	101	100	100	111	108	102	102	87	1.9
S03-W4	F 126	104	104	105	105	105	99	100	103	104	88	1.8
DH420	F 126	98	98	99	96	100	94	99	96	99	82	1.7
PRO 275	126	105	102	103	94	96	98	99	99	100	84	2.2
OAC Bayfield	F 127	104	93	94	96	98	85	87	94	95	80	3.0
OAC Wallace	F 127	110	103	107	105	108	118	117	108	111	81	1.5
Dares	F 127	--	109	--	106	--	105	--	106	--	95	1.9
OAC Lakeview	F 127	107	96	97	103	105	97	105	100	103	84	2.3
OAC Champion	F 128	101	101	103	103	103	104	106	102	103	89	2.3
Madison	129	101	108	109	109	110	110	113	107	109	85	2.2
HDC 2701	F 129	93	93	92	88	90	85	86	90	90	88	2.4
Average yield (T/ha)		2.45	3.42	3.19	3.46	3.32	3.35	3.38	3.39	3.14		
(bu/ac)		36.3	50.7	47.4	51.3	49.2	49.8	50.2	50.3	46.6		

Notes: F = Food type soybean; Brussels 2 yr average includes data from 2007 and 2009 trials only.

Testing Locations: Table 3

Brussels	2007	--	2009
Elora	2007	2008	2009
Ottawa	2007	2008	2009
Winchester	2007	2008	2009

TABLE 4.1 AGRONOMIC DATA AT 2700-2900 HEAT UNIT AREAS (RR VARIETY TEST)

Variety	Days to Mature	Yield Index (%)									Plant Height (cm)	Lodging 1=standing 5=flat	
		Exeter		St. Pauls		Winchester		Woodstock		Average			
		2yr	3yr	2yr	3yr	2yr	3yr	2yr	3yr	2yr	3yr		
S08-M8	123	101	--	96	--	93	--	86	--	94	--	76	1.3
2606RR	124	99	99	95	95	96	95	99	99	97	97	73	1.7
91M01	124	98	98	97	98	98	96	89	93	96	96	78	1.6
CeryxRR	125	97	97	102	101	108	103	92	92	100	98	79	1.5
S08-C3	125	102	--	90	--	104	--	95	--	98	--	79	1.2
RT0995	125	107	108	105	103	106	107	106	107	106	106	84	1.3
PRO 2895R	126	96	98	98	96	86	87	93	92	94	93	82	1.4
28-03R	126	101	101	115	110	105	105	101	102	106	104	91	1.3
RCAT MatRix	126	106	104	107	106	93	91	100	101	102	101	85	1.6
PS 1057 RR	127	95	91	106	103	98	99	104	103	101	99	83	1.3
91M41	128	99	101	86	91	100	99	95	97	95	97	70	1.4
S06-G6	128	96	98	98	97	94	95	105	102	98	98	77	1.4
HS 12R42	128	101	101	106	102	110	107	96	98	104	102	82	1.2
S14-A7	129	99	--	99	--	95	--	97	--	97	--	76	1.3
S14-K6	130	95	--	93	--	93	--	102	--	96	--	75	1.3
91Y20	131	98	97	97	97	99	97	109	102	101	98	73	1.2
PRO 2815R	131	94	93	101	97	99	98	103	96	99	96	75	1.3
CF0905R	132	106	104	101	100	95	95	102	99	101	99	80	1.3
Vaudreuil RR	132	98	99	98	96	100	102	95	99	98	99	77	1.2
HS 11R46	132	106	104	105	102	109	106	107	104	107	104	84	1.3
ADV0405R	132	100	98	95	95	102	100	101	102	99	99	75	1.3
5N152RR	134	103	103	103	104	114	108	107	103	107	105	85	1.3
PRO 2915R	135	101	103	107	105	110	107	111	109	107	106	83	1.3
RT1784A	136	103	103	102	101	101	102	106	102	103	102	80	1.4
S17-A1	137	99	--	95	--	94	--	95	--	96	--	78	1.4
Average yield (T/ha)		4.16	3.90	3.84	3.74	3.63	3.78	3.60	3.68	3.81	3.77		
(bu/ac)		61.7	57.8	56.9	55.5	53.9	56.1	53.4	54.5	56.5	56.0		

TABLE 4.2 AGRONOMIC DATA AT 2700-2900 HEAT UNIT AREAS (CONV/FOOD VARIETY TEST)

Variety		Days to Mature	Yield Index (%)									Plant Height (cm)	Lodging 1=standing 5=flat	
			Exeter		St. Pauls		Winchester		Woodstock		Average			
			2yr	3yr	2yr	3yr	2yr	3yr	2yr	3yr	2yr	3yr		
HS N335	F	122	75	77	65	68	47	74	77	68	69	75	2.0	
Destiny		123	101	101	100	102	106	94	98	100	101	83	1.6	
Colby		123	108	105	107	107	101	111	112	109	107	78	1.4	
HDC 2701	F	123	87	89	84	85	81	83	79	85	84	83	1.8	
OAC Wallace	F	123	96	99	93	97	112	88	93	96	99	76	1.5	
S10-B7	F	124	96	97	100	101	112	93	93	99	100	75	1.5	
Acora		125	109	--	104	--	--	108	--	106	--	94	1.4	
Hudson		125	107	--	99	--	--	95	--	99	--	77	1.8	
91M10		126	101	102	99	99	101	107	107	102	102	79	1.4	
PS 73		127	102	101	102	101	92	104	102	101	100	87	1.5	
DH530	F	129	109	109	109	110	98	95	97	104	104	85	1.7	
OAC Ginty	F	129	107	109	103	107	100	105	106	105	106	86	1.5	
S12-A5		130	108	101	104	103	122	111	110	110	107	82	1.5	
ADV Cadet	F	130	93	94	99	93	84	97	94	95	92	89	1.7	
OAC Prodigy		130	91	96	96	95	96	90	89	92	94	83	1.6	
ADV108	F	130	92	95	105	104	89	104	102	99	99	86	2.2	
HS 13C38		130	106	107	105	107	104	110	109	107	107	82	1.6	
DH410	F	132	106	106	106	101	113	114	112	108	107	89	1.8	
OAC Merion	F	133	101	101	107	107	108	95	100	101	104	79	1.3	
HDC 1600T	F	133	103	103	103	104	109	102	106	103	105	80	1.5	
OAC Huron	F	133	102	103	111	109	105	113	109	108	107	88	1.7	
Katrina		133	101	104	103	102	110	102	101	103	104	88	1.5	
S18-R6	F	134	98	101	95	97	112	107	103	100	102	86	1.5	
Average yield (T/ha)			4.00	3.79	3.87	3.70	3.25	3.53	3.37	3.66	3.55			
(bu/ac)			59.4	56.2	57.4	55.0	48.2	52.4	50.0	54.3	52.7			

Notes: F = Food type soybean

Winchester 2 yr conventional/food average includes data from 2007 and 2009 trials only.

Testing Locations: Table 4

Exeter	2007	2008	2009	
St. Pauls	2007	2008	2009	
Winchester	2007	2008*	2009	
Woodstock	2007	2008	2009	* RR Only

TABLE 5.1 AGRONOMIC DATA AT 2900-3300 HEAT UNIT AREAS (RR VARIETY TEST)

Variety	Days to Mature	Yield Index (%)									Plant Height (cm)	Lodging 1=standing 5=flat
		Clay					Loam					
		Inwood 2yr	Inwood 3yr	Palmyra 2yr	Palmyra 3yr	Clay Avg	Ridgetown 2yr	Ridgetown 3yr	Talbotville 2yr	Loam Avg		
RC1820	119	102	95	98	95	95	96	101	105	103	72	1.0
RT1784A	121	98	98	87	87	92	98	99	109	103	72	1.1
PRO 2915R	121	92	92	114	107	100	95	97	92	95	73	1.1
91Y90	123	101	100	93	93	96	100	99	111	104	75	1.1
RT1992	123	104	100	96	97	99	106	106	105	106	69	1.0
RCAT MiRRa	123	92	91	93	92	91	104	104	95	101	83	1.3
5N204RR	123	98	99	96	98	98	99	102	88	97	75	1.0
92Y20	123	98	104	114	109	106	103	97	102	99	75	1.1
30-07R	124	99	106	107	103	104	99	103	102	103	77	1.1
92B38	124	108	106	96	97	101	101	98	107	102	83	1.1
92Y31	125	100	--	97	--	--	101	--	109	--	76	1.1
RR Rodney	125	96	101	98	95	98	99	96	96	96	79	1.0
S21-N6	125	116	--	103	--	--	104	--	103	--	72	1.1
PS 90 NRR	126	96	100	109	108	104	100	99	92	97	77	1.1
2355RR	126	106	103	97	96	99	101	101	96	99	78	1.1
RR Krypton	126	99	97	105	101	99	103	100	86	95	81	1.0
PRO 3095R	127	99	100	88	93	96	95	100	100	100	67	1.0
S25-A5	128	99	100	99	100	100	104	104	96	101	77	1.2
31-52R	128	104	105	112	110	107	98	100	102	101	84	1.3
S23-H2	129	97	--	88	--	--	96	--	99	--	76	1.1
S24-K4	129	104	--	87	--	--	97	--	102	--	82	1.4
CF2407RN	130	97	105	107	107	106	106	98	100	99	81	1.2
RC2517	130	97	--	104	--	--	95	--	106	--	77	1.1
32-04R	130	98	100	114	112	107	99	97	99	98	82	1.3
Average yield (T/ha)		2.51	2.45	2.87	2.81	2.63	4.12	4.00	3.49	3.78		
(bu/ac)		37.2	36.3	42.6	41.7	39.0	61.1	59.4	51.7	56.1		

TABLE 5.2 AGRONOMIC DATA AT 2900-3300 HEAT UNIT AREAS (CONV/FOOD VARIETY TEST)

Variety	Days to Mature	Yield Index (%)									Plant Height (cm)	Lodging 1=standing 5=flat	
		Clay					Loam						
		Inwood 2yr	Inwood 3yr	Palmyra 2yr	Palmyra 3yr	Clay Avg	Ridgetown 2yr	Ridgetown 3yr	Talbotville 2yr	Loam Avg			
S18-R6	F	120	106	104	102	105	104	104	106	114	108	80	1.1
DH410	F	120	105	100	105	102	101	100	101	97	99	82	1.3
HDC 1600T	F	120	99	98	99	100	99	99	100	97	98	70	1.2
Katrina		121	108	106	99	97	102	100	99	105	101	81	1.2
Sherwin		122	100	97	109	104	101	106	107	108	106	77	1.4
S20-G7	F	122	102	101	99	96	98	101	99	96	97	82	1.2
RCAT 0704		122	97	101	103	103	102	103	103	109	105	84	1.1
S22-A1		122	100	--	89	--	--	97	--	99	--	64	1.0
OAC Marvel		123	97	97	112	108	103	97	95	107	98	83	1.2
OAC Kent	F	123	103	98	97	99	99	103	101	101	100	82	1.4
OAC Heritage		124	96	102	109	105	104	109	107	106	106	89	1.6
RCAT Pinehurst	F	124	107	106	96	98	101	105	111	105	108	79	1.3
PRO 30-05	F	124	103	100	94	93	96	94	94	108	98	83	1.1
92M10		125	97	99	96	97	98	100	97	103	98	81	1.2
S23-T5	F	125	101	101	111	110	106	105	106	97	102	83	1.3
X790P	F	126	90	90	85	84	87	80	75	75	75	79	1.4
HL 99	F	127	95	--	94	--	--	85	--	72	--	68	1.7
OAC Thamesville		127	95	--	101	--	--	107	--	105	--	84	1.2
DF 155	F	130	99	--	101	--	--	104	--	98	--	85	1.4
Average yield (T/ha)		2.76	2.78	3.17	3.11	2.95	4.32	4.17	3.51	3.93			
(bu/ac)		40.9	41.2	47.0	46.2	43.7	64.1	61.8	52.1	58.3			

Notes: F = Food type soybean

Talbotville 2 yr average includes data from 2006 and 2008 trials only.

Testing Locations: Table 5

Inwood	2007	2008	2009
Palmyra	2007	2008	2009
Ridgetown	2007	2008	2009
Talbotville	--	2008	2009

TABLE 6.1 AGRONOMIC DATA AT 3300-3500 HEAT UNIT AREAS (RR VARIETY TEST)

Variety	Days to Mature	Yield Index (%)										Plant Height (cm)	Lodging 1=standing 5=flat
		Clay					Loam						
		Merlin		Woodslee		Clay Avg	Chatham		Malden		Loam Avg		
2yr	3yr	2yr	3yr		2yr	3yr	2yr	3yr					
PS 90 NRR	117	95	--	96	--	--	91	--	98	--	--	73	1.0
S26-P1	118	92	--	95	--	--	95	--	94	--	--	73	1.0
S25-A5	120	96	--	99	--	--	96	--	97	--	--	70	1.0
32-04R	120	95	97	98	94	95	103	99	102	100	100	82	1.0
5N262RR	121	101	98	98	99	99	101	100	97	97	98	74	1.0
S27-C4	122	101	--	100	--	--	97	--	101	--	--	76	1.0
RC2832	122	97	--	101	--	--	104	--	98	--	--	81	1.1
92Y80	122	101	98	108	104	101	95	98	102	100	99	80	1.1
32-52R	122	101	98	96	94	96	109	109	105	99	104	89	1.1
92M91	123	108	106	102	103	104	100	100	103	103	101	80	1.0
HS 24R45	125	105	99	105	106	103	103	97	97	96	97	79	1.0
Storm	125	102	103	102	101	102	105	97	105	105	101	79	1.1
RC3125	127	105	--	99	--	--	100	--	102	--	--	80	1.0
Average yield (T/ha)		3.37	3.34	3.71	3.98	3.66	3.98	3.96	4.20	4.48	4.22		
(bu/ac)		50.0	49.6	55.0	59.0	54.3	59.0	58.7	62.3	66.4	62.5		

TABLE 6.2 AGRONOMIC DATA AT 3300-3500 HEAT UNIT AREAS (CONV/FOOD VARIETY TEST)

Variety	Days to Mature	Yield Index (%)										Plant Height (cm)	Lodging 1=standing 5=flat	
		Clay					Loam							
		Merlin		Woodslee		Clay Avg	Chatham		Malden		Loam Avg			
2yr	3yr	2yr	3yr		2yr	3yr	2yr	3yr						
RCAT Pinehurst	F	116	105	105	107	102	103	102	107	105	106	106	75	1.0
PRO 30-05	F	116	93	97	102	103	100	93	96	97	96	96	76	1.0
OAC Kent	F	116	100	102	101	106	104	107	107	101	105	106	78	1.0
X790P	F	117	92	90	86	87	88	85	84	84	86	85	75	1.0
Nature	F	118	100	98	92	91	95	92	94	99	95	94	74	1.0
S23-T5	F	118	105	--	99	--	--	112	--	103	--	--	80	1.0
OAC Thamesville		119	101	105	109	107	106	104	107	112	113	110	78	1.0
S26-F9	F	120	103	104	104	104	104	104	105	100	100	102	82	1.0
Average yield (T/ha)		3.20	3.17	3.49	3.46	3.32	3.74	3.76	4.41	4.42	4.09			
(bu/ac)		47.4	47.1	51.8	51.3	49.2	55.4	55.7	65.4	65.6	60.7			

Notes: F = Food type soybean

Testing Locations: Table 6

Merlin	2007	2008	2009
Woodslee	2007	2008	2009
Chatham	2007	2008	2009
Malden	2007	2008	2009

**TABLE 7. RESISTANT VARIETY
PERFORMANCE IN SCN INFESTED FIELDS**

Variety	Average of 6 Tests (2007-2009)		Average of 4 Tests (2008-2009)	
	Days to Maturity	Yield Index (%)	Days to Maturity	Yield Index (%)
DH410	110	118	111	135
S18-R6	110	128	111	148
Sherwin	111	130	112	147
S23-T5	114	138	114	156
S17-A1*	--	--	115	135
OAC Marvel	114	137	115	158
30-07R*	115	138	116	147
PS 90 NRR*	117	128	116	136
31-52R*	118	140	119	155
S25-A5*	118	138	119	152
5N262RR*	120	118	120	127
S26-F9	121	135	122	154
32-04R*	121	134	122	149
32-52R*	124	153	125	163
Storm*	127	108	127	105
RC3125*	--	--	129	151
^a Susceptible Yield Index is:		100%		100%
Susceptible Yield (RR):		2.55 T/ha or 37.9 bu/ac		2.36 T/ha or 35.0 bu/ac
Susceptible Yield (Conv):		2.44 T/ha or 36.2 bu/ac		2.08 T/ha or 30.8 bu/ac

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

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

Resistance source is PI88788 for all varieties listed.

Yield indices are the result of test site locations with high to very high SCN infestations as follows:

2007-2009 – 4,000 to 8,000 eggs/100g of soil,

2008-2009 – 3,000 to 7,000 eggs/100g of soil.

Soybean Variety Distributors

If you do not know who your local supplier is for a soybean variety listed in Table 1, then contact the distributor for information

Advantage Seed Growers

PO Box 351, Lucknow, ON N0G 2H0
Tel: 1-800-651-7333, Fax: 519-343-2037
www.advantageseeds.com

C&M Seeds

6180 5th Line Minto, RR #3
Palmerston, ON N0G 2P0
Tel: 519-343-2126, Fax: 519-343-3792
www.redwheat.com

Country Farm Seeds Ltd.

P.O. Box 790, 18814 Communication Road
Blenheim, ON N0P 1A0
Tel: 1-800-449-3990, Fax 519-676-9633
www.countryfarmseeds.com

Croplan Genetics/The Agromart Group

32 Ridgewood Place
Cambridge, ON N1S 4B4
Tel: 519-635-0740
www.agromartgroup.com

Curtis Seeds

38723 Fingal Line
St. Thomas, ON N5P 3S5
Tel: 519-631-6241, Fax: 519-631-0056

DEKALB Monsanto Canada Inc.

120 Research Lane, Unit 101
Guelph, ON N1G 0B4
Tel: 1-800-667-4944, Fax: 519-823-9733
www.monsanto.ca/products/dekalb

Dow AgroSciences Canada Inc.

Mycogen Brand Seeds
P.O. Box 1060, St. Mary's, ON N4X 1B7
Tel: 1-800-668-4939, Fax 519-349-2688
www.dowagro.com/ca

Hendrick Seeds

RR #1 Inkerman, ON K0E 1J0
Tel: 613-774-3469, Fax: 613-774-0346
www.hendrickseeds.com

Hensall District Co-op Inc

Box 219, 1 Davidson Drive
Hensall, ON N0M 1X0
Tel: 519-262-3002, Fax: 519-262-3412
www.hdc.on.ca

Huron Commodities Inc.

79 Wellington St., Clinton, ON N0M 1L0
Tel: 519-482-8400, Fax: 519-482-8383
www.huron.com

Hyland Seeds

P.O. Box 250, 2 Hyland Dr.
Blenheim ON N0P 1A0
Tel: 519-676-8146, Fax: 519-676-5674
www.hylandseeds.com

La Coop fédérée

19 235 Avenue St-Louis
Saint-Hyacinthe, Québec J2T 5J4
Tel: 450-799-2326, Fax: 450-773-3381
Email: information@lacoop.coop
www.lacoop.coop

Land O'Lakes, Inc.

32 Ridgewood Place
Cambridge, ON N1S 4B4
Tel: 519 635-0740, Fax: 519 624-3979

Maizex Seeds Inc.

4488 Mint Line, RR #2, Tilbury ON N0P 2L0
Tel 877-682-1720, Fax 519-682-2144
www.maizex.com

Pioneer Hi-Bred Ltd.

Box 730, 7399 Queen's Line
Chatham ON N7M 5L1
Tel: 1-800-265-9435, Fax: 519-380-2014
www.Pioneer.com/Canada

PRIDE Seeds

P.O. Box 1088, Chatham ON N7M 5L6
Tel: 519-354-3210, Fax: 519-354-8155
www.prideseed.com

PRO Seeds of Canada

PO BOX 20039
Woodstock ON N4S 8X8
Tel: 1-888-537-5157, Fax: 519-533-0773
Email: admin@proseeds.ca
www.proseeds.ca

Prograin

145 Bas Rivière Nord, St-Césaire, QC J0L 1T0
Tel: 1-800-817-3732, Fax: 450-469-4547
www.prograin.qc.ca

SeCan

501-300 March Road, Ottawa, ON K2K 2E2
Tel: 866-797-7874, Fax: 613-592-9497
www.secan.com

Southwest Seeds

R.R. # 1, 19686 Scane Rd.
Ridgetown, ON N0P 2C0
Tel: 519-674-0054, Fax: 519-674-0388

Syngenta Seeds Canada, Inc.

15910 Medway Road, RR #1
Arva, ON N0M 1C0
Tel: 800-756-7333, Fax: 888-717-7122
www.nkcanada.com

Go to www.GoSoy.ca for
2010 Yield and Maturity Graphs from OSV report.

ViPP

Variety Information
& Performance Profile

Oil and Protein information.
Food Soybean Variety Performance Information.
2010 Ontario Soybean Variety Report.

GoSoy.ca 