

# 2010 REPORT



## Ontario Soybean Variety Trials For 2007-2009

by the  
**Ontario Oil & Protein  
Seed Crop Committee**

*Research conducted and reported by*

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of GUELPH**

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## 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](http://www.GoSoy.ca).

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## **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](http://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](mailto:soyinfo@oopscc.org).

## **Protein & Oil Index**

Protein Index (%) and Oil (%) is obtainable on the web at [www.Gosoy.ca](http://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 Unit Grouping	Relative Maturity*	Hilum Colour	Seeds per Kg	Phytophthora		Seed Supply	Distributor
							Root Rot	% Plant Loss**		
Prius RR	HP	RR	2450	00.4	BR	6500	na			Prograin
PS 0027 RR	1k	RR		00.5	BL	6100	2*			PRIDE Seeds
S00-W3	1a	RR		00.3	GR	6700	7*			Syngenta Seeds Canada, Inc.
24-52R		RR		00.8	BL	5500	5			DEKALB Monsanto Canada Inc.
Chikala	F		2500		Y	11200	8			Huron Commodities Inc.
OAC Peak		RR		0.08	BR	5300	3		LS	SeCan
PRO 2515R	1k	RR			IBL	5600	4*			PRO Seeds of Canada
S00-H7	1c	RR		00.7	GR	7600	na			Syngenta Seeds Canada, Inc.
90M02	1k	RR		0.0	BL	6300	3			Pioneer Hi-Bred Ltd.
25-52R	1k	RR	2550	0.2	BL	5300	1			DEKALB Monsanto Canada Inc.
DKB00-99	1a	RR		00.9	BR	5900	2			DEKALB Monsanto Canada Inc.
Korus	F			00.9	IY	5400	na			Prograin
PRO 25-53					IY	5100	8			PRO Seeds of Canada
PRO 2590R		RR			BR	5700	3			PRO Seeds of Canada
Renfrew		RR		0.5	IY	5400	5			SeCan
RT0207		RR		0.2	GR	6800	3*			Land O'Lakes, Inc.
Toma				00.7	IY	5000	na			Prograin
90M40	1k	RR		0.4	BL	5900	2			Pioneer Hi-Bred Ltd.
90Y20	1k	RR		0.2	BR	6500	4			Pioneer Hi-Bred Ltd.
HS 02R28		RR		0.2	BR	6000	3*			Hyland Seeds
90M01	1k	RR	2600	0.0	Y	5800	4			Pioneer Hi-Bred Ltd.
90M60	1c	RR		0.6	BR	5300	5			Pioneer Hi-Bred Ltd.
DH420	F				LBR	4500	4			Hendrick Seeds
Drew				0.0	IY	5100	4			C&M Seeds
OAC Hanover		RR		0.5	BR	5500	8			SeCan
PRO 26-53					IY	4500	6			PRO Seeds of Canada
PRO 2615R	1k	RR			BL	5400	4			PRO Seeds of Canada
PS 0340 R2	1c	RR2Y		0.3	IBL	6600	na			PRIDE Seeds
PS 46 RR		RR		0.3	IBL	5000	5			PRIDE Seeds
Saska					IY	5700	na			Prograin
Auriga	F				Y	4900	na			La Coop fédérée
CF0606R		RR			IY	6400	4			Country Farm Seeds Ltd.
HS 05R17		RR		0.5	IY	5800	2*	LS		Hyland Seeds
RT0395	1a	RR		0.3	BL	6200	5			Land O'Lakes, Inc.
0256RR	1c	RR	2650	0.3	BL	6000	3			Syngenta Seeds Canada, Inc.
26-55R	1k	RR		0.6	BL	6200	3			DEKALB Monsanto Canada Inc.
ADV Windfall	F				IY	4600	7			Advantage Seed Growers
Elma RR		RR		1.1	BR	6300	6			C&M Seeds
Howick	HP			0.0	IY	4300	5			C&M Seeds
Naya	1c			0.4	IY	4800	3			Prograin
OAC Bayfield	F			0.6	BR	4900	4			SeCan
OAC Champion	F				IY	5000	4			PRO Seeds of Canada
PRO 2690R		RR			BR	4800	8			PRO Seeds of Canada
S03-W4	F 1c			0.3	IY	5100	2			Syngenta Seeds Canada, Inc.
S04-Z9	1c	RR		0.4	GR	5300	3*			Syngenta Seeds Canada, Inc.
Savanna					IY	4900	4			PRO Seeds of Canada
Venus	F HP			0.5	IY	4500	8			PRO Seeds of Canada
ADV Ivy-R		RR			BL	6300	5			Advantage Seed Growers
Kassidy	F				IY	5100	8			PRO Seeds of Canada
S05-T6	F 1c			0.5	IY	5000	2			Syngenta Seeds Canada, Inc.
27-07R		RR	2700	0.7	BL	6000	2			DEKALB Monsanto Canada Inc.
5B054RR	1a	RR			LBR	6200	4			Dow AgroSciences Canada Inc.
90B73		RR		0.7	BR	5300	5			Pioneer Hi-Bred Ltd.
Caesar RR		RR		1.0	BL	6300	5	LS		C&M Seeds
HDC 2701	F HP				Y	4300	4			Hensall District Co-op Inc
Karlo RR	1c	RR		0.8	BR	4400	1			Prograin
Madison				0.7	BR	5400	3			Hyland Seeds
OAC Lakeview	F			0.7	Y	5100	5			SeCan
OAC Rockwood		RR		0.2	BR	5800	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

**Herbicide Reaction**

**Seed Availability**

HP - High Protein

RR - Roundup Ready

LS - Limited Supply

SCN - SCN Resistant

RR2Y - Roundup Ready 2 Yield

NA - Not Available

L-LA - Low-Linolenic Acid

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	Phytophthora			Seed Supply	Distributor
						Seeds per Kg	Root Rot %	% Plant Loss**		
RR React		RR	2700	0.7	BR	6800	4		Hyland Seeds	
RR2 Cobalt	SCN	RR2Y			IBL	6300	na		Maizex Seeds Inc.	
S06-G6	1c	RR		0.7	BL	6000	4		Syngenta Seeds Canada, Inc.	
Dares	F				IY	4700	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	5400	7		C&M Seeds	
OAC Wallace	F			0.9	BR	5100	3		SeCan	
PRO 2715R	1k	RR			GR	6100	4		PRO Seeds of Canada	
PRO 275					IY	5000	2		PRO Seeds of Canada	
PS 56 RR		RR		0.8	BR	6100	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	6700	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	5300	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	6000	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	LS	Advantage Seed Growers	
HS 12R42		RR		1.2	GR	5900	2		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:**

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**Herbicide Reaction**

RR - Roundup Ready

RR2Y - Roundup Ready 2 Yield

**Seed Availability**

LS - Limited Supply

NA - Not Available

**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**	Seed Distributor		
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		2.2	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.	

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**NOTES:**

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HP - High Protein

SCN - SCN Resistant

L-LA - Low-Linolenic Acid

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

**Herbicide Reaction**

RR - Roundup Ready

RR2Y - Roundup Ready 2 Yield

**Seed Availability**

LS - Limited Supply

NA - Not Available

## TEST LOCATIONS & SOIL TYPES - 2009 TRIALS

Location	Table	Rating	Heat	Row Width	Seeding	
			Unit		Soil Type	(cm)
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	Average 2yr	
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) (bu/ac)		2.50 37.1	3.19 47.3	2.89 42.9	3.45 51.2	3.09 45.8	2.72 40.4	2.72 40.3	3.14 46.6 2.83 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	Average 2yr	
PRO 25-53	119	100	100	100	100	100	100	100 100 90	2.1
Average yield (T/ha) (bu/ac)		1.83 27.1	2.97 44.1	2.78 41.3	3.44 51.0	3.15 46.7	2.96 43.9	2.72 40.4	3.05 45.2 2.69 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	3yr	Ottawa 2yr	3yr	Winchester 2yr	Average 2yr		
RT0207	117	--	91	--	93	--	92	--	91	
CF0606R	119	99	95	95	94	94	103	97	98	
PRO 2690R	119	91	96	93	97	96	107	103	99	
DKB00-99	119	94	100	100	96	96	107	102	101	
OAC Rockwood	119	89	101	98	92	92	102	96	98	
HS 05R17	119	--	107	--	94	--	99	--	99	
PS 46 RR	119	92	93	93	98	96	101	97	97	
90Y20	121	90	97	98	96	92	101	100	97	
25-52R	121	99	101	100	100	98	94	95	98	
Renfrew	121	92	95	93	93	95	106	101	97	
HS 02R28	122	--	90	--	87	--	88	--	88	
OAC Hanover	122	92	97	94	89	91	94	93	93	
S04-Z9	122	--	98	--	108	--	100	--	101	
PRO 2615R	123	84	98	97	90	90	100	94	95	
RR React	123	104	98	100	103	103	93	94	99	
0800RR	123	99	100	101	102	101	93	95	99	
0256RR	124	99	104	103	102	101	111	106	105	
27-07R	124	94	103	103	102	101	110	106	103	
90B73	125	100	96	94	94	95	104	98	99	
Minto	125	99	102	100	97	98	99	96	99	
90M40	125	101	102	101	98	97	100	97	100	
26-55R	126	106	107	105	104	103	115	111	108	
90M60	126	104	106	105	103	101	91	94	101	
RT0395	126	99	91	92	96	96	98	97	96	
Elma RR	126	95	106	104	103	103	92	98	99	
ADV Ivy-R	126	108	103	104	103	102	104	105	103	
PS 56 RR	126	98	102	101	101	101	110	106	104	
S08-C3	126	--	103	--	107	--	105	--	105	
Caesar RR	127	109	103	103	104	103	81	90	97	
RT0995	127	113	106	108	112	113	102	108	108	
5B054RR	127	117	101	103	113	110	92	98	104	
RCAT MatRix	128	106	107	107	100	103	100	100	103	
CeryxRR	128	106	104	104	106	105	104	103	105	
Karlo RR	128	101	102	99	101	99	110	110	104	
PRO 2715R	129	104	99	100	104	103	100	106	101	
S06-G6	129	109	94	98	106	106	108	109	103	
28-03R	129	106	116	115	110	110	100	107	108	
ADV0405R	133	103	86	90	105	107	85	90	93	
Average yield (T/ha) (bu/ac)		2.36 35.0	3.48 51.7	3.25 48.1	3.49 51.8	3.46 51.4	3.47 51.5	3.51 52.1	3.40 50.4	3.22 47.7

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

Variety	Days to Mature	Yield Index (%)						Plant Height (cm)	Lodging 1=standing 5=flat	
		Brussels 2yr	Elora 2yr	3yr	Ottawa 2yr	3yr	Winchester 2yr	Average 2yr		
Drew	118	85	98	100	96	98	100	97	96	
Venus	F 120	100	103	98	95	97	96	96	98	
PRO 26-53	123	100	98	101	96	94	98	94	98	
Kassidy	F 123	105	105	103	102	104	99	103	103	
Howick	123	96	94	93	89	85	84	84	88	
Chikala	F 123	87	90	89	91	88	94	87	88	
S05-T6	F 124	111	105	108	115	113	110	110	110	
Naya	124	103	99	99	106	105	102	100	102	
Savanna	125	97	99	99	104	100	110	109	103	
ADV Windfall	F 126	94	102	101	100	100	111	108	102	
S03-W4	F 126	104	104	105	105	105	99	100	103	
DH420	F 126	98	98	99	96	100	94	99	96	
PRO 275	126	105	102	103	94	96	98	99	100	
OAC Bayfield	F 127	104	93	94	96	98	85	87	94	
OAC Wallace	F 127	110	103	107	105	108	118	117	108	
Dares	F 127	--	109	--	106	--	105	--	106	
OAC Lakeview	F 127	107	96	97	103	105	97	105	100	
OAC Champion	F 128	101	101	103	103	103	104	106	102	
Madison	129	101	108	109	109	110	110	113	107	
HDC 2701	F 129	93	93	92	88	90	85	86	90	
Average yield (T/ha) (bu/ac)		2.45 36.3	3.42 50.7	3.19 47.4	3.46 51.3	3.32 49.2	3.35 49.8	3.38 50.2	3.39 50.3	3.14 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					
		2yr	3yr	2yr	3yr	2yr	3yr	2yr	3yr				
S08-M8	123	101	--	96	--	93	--	86	--	94	--	76	1.3
2606RR	124	99	<b>99</b>	95	<b>95</b>	96	<b>95</b>	99	<b>99</b>	97	<b>97</b>	73	1.7
91M01	124	98	<b>98</b>	97	<b>98</b>	98	<b>96</b>	89	<b>93</b>	96	<b>96</b>	78	1.6
CeryxRR	125	97	<b>97</b>	102	<b>101</b>	108	<b>103</b>	92	<b>92</b>	100	<b>98</b>	79	1.5
S08-C3	125	102	--	90	--	104	--	95	--	98	--	79	1.2
RT0995	125	107	<b>108</b>	105	<b>103</b>	106	<b>107</b>	106	<b>107</b>	106	<b>106</b>	84	1.3
PRO 2895R	126	96	<b>98</b>	98	<b>96</b>	86	<b>87</b>	93	<b>92</b>	94	<b>93</b>	82	1.4
28-03R	126	101	<b>101</b>	115	<b>110</b>	105	<b>105</b>	101	<b>102</b>	106	<b>104</b>	91	1.3
RCAT MatRix	126	106	<b>104</b>	107	<b>106</b>	93	<b>91</b>	100	<b>101</b>	102	<b>101</b>	85	1.6
PS 1057 RR	127	95	<b>91</b>	106	<b>103</b>	98	<b>99</b>	104	<b>103</b>	101	<b>99</b>	83	1.3
91M41	128	99	<b>101</b>	86	<b>91</b>	100	<b>99</b>	95	<b>97</b>	95	<b>97</b>	70	1.4
S06-G6	128	96	<b>98</b>	98	<b>97</b>	94	<b>95</b>	105	<b>102</b>	98	<b>98</b>	77	1.4
HS 12R42	128	101	<b>101</b>	106	<b>102</b>	110	<b>107</b>	96	<b>98</b>	104	<b>102</b>	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	<b>97</b>	97	<b>97</b>	99	<b>97</b>	109	<b>102</b>	101	<b>98</b>	73	1.2
PRO 2815R	131	94	<b>93</b>	101	<b>97</b>	99	<b>98</b>	103	<b>96</b>	99	<b>96</b>	75	1.3
CF0905R	132	106	<b>104</b>	101	<b>100</b>	95	<b>95</b>	102	<b>99</b>	101	<b>99</b>	80	1.3
Vaudreuil RR	132	98	<b>99</b>	98	<b>96</b>	100	<b>102</b>	95	<b>99</b>	98	<b>99</b>	77	1.2
HS 11R46	132	106	<b>104</b>	105	<b>102</b>	109	<b>106</b>	107	<b>104</b>	107	<b>104</b>	84	1.3
ADV0405R	132	100	<b>98</b>	95	<b>95</b>	102	<b>100</b>	101	<b>102</b>	99	<b>99</b>	75	1.3
5N152RR	134	103	<b>103</b>	103	<b>104</b>	114	<b>108</b>	107	<b>103</b>	107	<b>105</b>	85	1.3
PRO 2915R	135	101	<b>103</b>	107	<b>105</b>	110	<b>107</b>	111	<b>109</b>	107	<b>106</b>	83	1.3
RT1784A	136	103	<b>103</b>	102	<b>101</b>	101	<b>102</b>	106	<b>102</b>	103	<b>102</b>	80	1.4
S17-A1	137	99	--	95	--	94	--	95	--	96	--	78	1.4
Average yield (T/ha) (bu/ac)		4.16	<b>3.90</b>	3.84	<b>3.74</b>	3.63	<b>3.78</b>	3.60	<b>3.68</b>	3.81	<b>3.77</b>		
		61.7	<b>57.8</b>	56.9	<b>55.5</b>	53.9	<b>56.1</b>	53.4	<b>54.5</b>	56.5	<b>56.0</b>		

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

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	Talbotville 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	Talbotville 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 2yr	Merlin 3yr	Woodslee 2yr	Woodslee 3yr	Clay Avg	Chatham 2yr	Chatham 3yr	Malden 2yr	Malden 3yr	Loam Avg		
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) (bu/ac)		3.37	3.34	3.71	3.98	3.66	3.98	3.96	4.20	4.48	4.22		
		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 2yr	Merlin 3yr	Woodslee 2yr	Woodslee 3yr	Clay Avg	Chatham 2yr	Chatham 3yr	Malden 2yr	Malden 3yr	Loam Avg			
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) (bu/ac)		3.20	3.17	3.49	3.46	3.32	3.74	3.76	4.41	4.42	4.09			
		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**

<b>Variety</b>	<b>Average of 6 Tests (2007-2009)</b>		<b>Average of 4 Tests (2008-2009)</b>	
	<b>Days to Maturity</b>	<b>Yield Index (%)</b>	<b>Days to Maturity</b>	<b>Yield Index (%)</b>
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

<sup>a</sup>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.

<sup>a</sup> 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](http://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](http://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](http://www.countryfarmseeds.com)

### **Croplan Genetics/The Agromart Group**

32 Ridgewood Place  
Cambridge, ON N1S 4B4  
Tel: 519-635-0740  
[www.agromartgroup.com](http://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](http://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](http://www.dowagro.com/ca)

### **Hendrick Seeds**

RR #1 Inkerman, ON K0E 1J0  
Tel: 613-774-3469, Fax: 613-774-0346  
[www.hendrickseeds.com](http://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](http://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](http://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](http://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](mailto:information@lacoop.coop)  
[www.lacoop.coop](http://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](http://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](http://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](http://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](mailto:admin@proseeds.ca)  
[www.proseeds.ca](http://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](http://www.prograin.qc.ca)

### **SeCan**

501-300 March Road, Ottawa, ON K2K 2E2  
Tel: 866-797-7874, Fax: 613-592-9497  
[www.secan.com](http://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](http://www.nkcanada.com)

Go to [www.GoSoy.ca](http://www.GoSoy.ca) for  
2010 Yield and Maturity Graphs from OSV report.



Variety Information  
& Performance Profile

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

