



# 2008 REPORT

## Ontario Soybean Variety Trials

for 2004-2006

by the  
Ontario Oil & Protein  
Seed Crop Committee

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CROP COMMITTEE

*Research conducted and reported by*

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## Ontario Oil & Protein Seed Crop Committee (OOPSCC)

This organization is made up of representatives of Agriculture & Agri-Food Canada, the University of Guelph, the Ontario Seed Growers Association, the Canadian Seed Trade Association, the Ontario Soybean Growers, OMAFRA and the Oilseed Crushers. Tests are conducted each year by AAFC research stations 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 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)

**STS:** Sulfonylurea Tolerant Soybean to Reliance (STS & Reliance are trademarks of E.I. duPont de Nemours & Co.)

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.

### **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**

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. Ratings for some varieties are not available due to a lack of disease pressure.

### **Disease Testing Information**

Phytophthora root rot testing is carried out on clay soils infested with common races of Phytophthora at Woodslee and Ottawa.

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).

White Mold variety ratings are available for several heat unit areas on the web at [www.Gosoy.ca](http://www.Gosoy.ca).

### **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.

### **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.

### **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.

### **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.

Agronomic data in Tables 2 to 4 represent 1-3 year averages of individual locations as well as a 2-year and a 3-year average of all locations. Agronomic data in Tables 5 & 6 represent performance from different soil types; data from 2-3 years of testing are provided for each location.

### **Food Soybean Varieties (F)**

The Conventional and Food soybean variety trials were combined for the first time in 2006. When comparing Food (F) soybean varieties with non-Food varieties, please note that not all Food varieties were grown in the same test plots in the year 2005. The location averages may represent data from different trials within a location grown in 2005. Also the 3 year overall averages may represent data from different locations within a heat unit zone.

**Table 1. Soybean Variety Performance List and Descriptions**

Variety	Notes	Herbicide Reaction	Heat Unit Grouping	Hilum Colour	Seeds per Kg	Phytophthora Root Rot % Plant Loss**	Seed Supply	Distributor
DrakoRR		RR	2400	BR	5900	10		La Coop fédérée
90A01				IY	6100	6		Pioneer Hi-Bred Ltd.
PS 26 RR		RR	2450	BR	6200	8		Pride Seeds
24-51R	1a	RR		GR	5800	14*		DEKALB Monsanto Canada Inc.
26005RR	1k	RR		BL	6300	9		Quarry Grain Commodities
26006RR		RR		BL	5700	14		Quarry Grain Commodities
27005RR		RR		IBL	6100	15*		Quarry Grain Commodities
90A06		RR		BF	5800	17*		Pioneer Hi-Bred Ltd.
LS 0045RR	HP 1k	RR		BL	6100	5		Quarry Grain Commodities
LS 0065RR	1k	RR		BL	6500	4		Quarry Grain Commodities
S00-Z1				BR	5200	11		Syngenta Seeds Canada, Inc.
OlexRR		RR	2500	BR	5000	8		La Coop fédérée
Chikala	F			Y	11000	14*		Huron Commodities Inc.
LS 0087RR		RR		BL	6800	15*		Quarry Grain Commodities
Montcalm		RR		IY	5800	15		SeCan
OAC Gretna				IY	4900	9		C&M Seeds
PRO 25-53				IY	4800	13		PRO Seeds of Canada
90M02	1k	RR	2550	BL	6100	5*		Pioneer Hi-Bred Ltd.
25-52R	1k	RR		BL	5200	6*		DEKALB Monsanto Canada Inc.
90M01	1k	RR		Y	5500	5		Pioneer Hi-Bred Ltd.
Belle RR		RR		BL	5700	5		SeCan/C&M Seeds
DKB00-99	1a	RR		BR	6000	9		DEKALB Monsanto Canada Inc.
Kamichis	F HP			IY	5300	7*	LS	Hendrick Seeds
OAC Ayton				BR	6200	5		C&M Seeds
OAC Carman				IY	5400	17		C&M Seeds
Phoenix				IY	5000	6		La Coop fédérée
PRO 2590R		RR		BR	5500	6*		PRO Seeds of Canada
Renfrew		RR		IY	5300	8		SeCan
90M40	1k	RR	2600	BL	5500	3		Pioneer Hi-Bred Ltd.
PS 35 RR		RR		BR	5300	10		Pride Seeds
PS 36	1a			Y	5100	11		Pride Seeds
0256RR	1c	RR		BL	6000	7*		Syngenta Seeds Canada, Inc.
90M60	1c	RR		BR	5000	5		Pioneer Hi-Bred Ltd.
Karlo RR		RR		BR	4400	5		Prograin
OAC 04-20	F			LBR	4400	6		Hendrick Seeds
PRO 26-53				IY	4600	7		PRO Seeds of Canada
PS 46 RR		RR		BL	5100	6		Pride Seeds
RD714	F HP			IY	5100	13*		RD Legault Seeds Ltd
RT0395	1a	RR		BL	6300	13		Land O'Lakes, Inc.
CF0606R		RR	2650	IY	6200	10*		Country Farm Seeds Ltd.
Connor				Y	5300	5		Hyland Seeds, Div. of Thompsons Ltd.
PRO 2615R	1k	RR		IY	5400	9*		PRO Seeds of Canada
26-54R	1k	RR		BL	5700	10		DEKALB Monsanto Canada Inc.
ADV Windfall	F			IY	4700	10		Advantage Seed Growers
LynxRR		RR		BR	6100	7		La Coop fédérée
Naya	1c			IY	5300	na		Prograin
OAC Bayfield				BR	5000	6		SeCan
OAC Champion	F			IY	5000	7		PRO Seeds of Canada
PRO 2690R		RR		BR	5000	14		PRO Seeds of Canada
S03-W4	F 1c			IY	5000	7		Syngenta Seeds Canada, Inc.
Savanna				IY	5300	na		PRO Seeds of Canada
Venus	F HP			IY	4600	23		PRO Seeds of Canada
S05-T6	1c		2700	IY	4800	3		Syngenta Seeds Canada, Inc.
0800RR	6	RR		IY	5000	6		SeCan
26-55R	1k	RR		BL	6000	5		DEKALB Monsanto Canada Inc.
27-07R		RR		BL	6000	6		DEKALB Monsanto Canada Inc.
5B060RR	1k	RR		Y	6300	5		Dow AgroSciences Canada Inc.
90B73		RR		BR	5400	8		Pioneer Hi-Bred Ltd.
90M80	SCN 1c	RR		IBL	6600	12*		Pioneer Hi-Bred Ltd.

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

**Herbicide Reaction**  
 RR - Roundup Ready  
 STS - Sulfonylurea Tolerant

**Seed Availability**  
 LS - Limited Supply  
 NA - Not Available

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

Variety	Notes	Herbicide Reaction	Heat Unit Grouping	Hilum Colour	Seeds per Kg	Phytophthora		Seed Supply	Distributor
						Root Rot % Plant Loss**	Seed		
Auriga			2700	Y	5200	5			La Coop fédérée
CF0703	F 1c			IY	4700	10			Country Farm Seeds Ltd.
HDC 2701	F HP			Y	4300	11*			Hensall District Co-op Inc
Joliette RR		RR		BL	5500	6			SeCan
Madison				BR	5200	6			Hyland Seeds, Div. of Thompsons Ltd.
OAC Lakeview	F			Y	5000	12		LS	SeCan
OAC Raptor		RR		BR	5300	10			SeCan
OAC Rockwood		RR		BR	5700	6*			SeCan
PRO 2795R		RR		BR	5800	7			PRO Seeds of Canada
RR React		RR		BR	6200	5			Hyland Seeds, Div. of Thompsons Ltd.
RT0611	1a	RR		Y	5900	5			Land O'Lakes, Inc.
2606RR		RR	2750	BL	5900	6			Dow AgroSciences Canada Inc.
27-51R	SCN 1k	RR		GR	5700	7			DEKALB Monsanto Canada Inc.
2702R		RR		BL	5600	10			DEKALB Monsanto Canada Inc.
Minto		RR		BR	5500	14			C&M Seeds
OAC Wallace	F			BR	5100	4			SeCan
PRO 275				IY	4900	3			PRO Seeds of Canada
PS 56 RR		RR		BR	6500	8			Pride Seeds
RR Mercury		RR		BL	5500	6*			Maizex Seeds Inc.
RR Razor		RR		BR	5100	6			Hyland Seeds, Div. of Thompsons Ltd.
RT0995		RR		BR	5400	11			Land O'Lakes, Inc.
RT1004	1k	RR		BR	5800	4			Land O'Lakes, Inc.
S06-G6	1c	RR		BL	5500	8*			Syngenta Seeds Canada, Inc.
ADV Mike	F			Y	5600	19*			Advantage Seed Growers
ADV Rascal RR		RR		BL	4800	13			Advantage Seed Growers
ADV0405R		RR		BL	6000	6			Advantage Seed Growers
PRO 2715R	1k	RR		GR	5600	10*			PRO Seeds of Canada
28-03R	1k	RR	2800	BL	5300	5			DEKALB Monsanto Canada Inc.
91M01	1k	RR		BR	5400	6*			Pioneer Hi-Bred Ltd.
91M10				Y	5100	9			Pioneer Hi-Bred Ltd.
CeryxRR		RR		IY	5800	6			La Coop fédérée/SeCan
CF0805R		RR		BL	5600	6			Country Farm Seeds Ltd.
Destiny				IY	4200	na			PRO Seeds of Canada
PS 1057 RR		RR		BR	5000	10*			Pride Seeds
S08-80	1c			IY	4500	5			Syngenta Seeds Canada, Inc.
S10-B7				IY	4900	na			Syngenta Seeds Canada, Inc.
S13-H7	1k	RR		BL	5600	3*			Syngenta Seeds Canada, Inc.
ADV108	F			Y	4400	26*			Advantage Seed Growers
PS 68 NRR	SCN 1k	RR		BL	5600	8*			Pride Seeds
Vaudreuil RR		RR		BL	6000	11			SeCan/C&M Seeds
ADV Runaway RR		RR	2850	BL	6900	9			Advantage Seed Growers
Colby				Y	4600	6			Hyland Seeds, Div. of Thompsons Ltd.
OAC Prodigy				IY	4600	5			PRO Seeds of Canada
PRO 2815R		RR		BF	4400	2*			PRO Seeds of Canada
PRO 2995R	1a	RR		BR	5300	4			PRO Seeds of Canada
PS 73				BF	5100	5			Pride Seeds
PS 76 RR		RR		BR	4600	19			Pride Seeds
RCAT MatRix		RR		BL	5100	8			SeCan
RT1445	1k	RR		BL	5700	6			Land O'Lakes, Inc.
S12-A5	1c, 3a			BR	4600	8			Syngenta Seeds Canada, Inc.
S14-P6	F 1c			Y	4000	3*			Syngenta Seeds Canada, Inc.
28-52R	1k	RR		BL	5700	12			DEKALB Monsanto Canada Inc.
91M41	1k	RR		BL	5800	6*			Pioneer Hi-Bred Ltd.
Arva	F			Y	5100	19*			Advantage Seed Growers
CF0905R		RR		IY	4700	4			Country Farm Seeds Ltd.
Colin				Y	4900	4			Hyland Seeds, Div. of Thompsons Ltd.
1633RR	1c	RR	2900	BL	5500	8			Syngenta Seeds Canada, Inc.
5140RR	1k	RR		BR	5600	8			Dow AgroSciences Canada Inc.
91M30	1k	RR		GR	6200	15			Pioneer Hi-Bred Ltd.

\*\*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

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

**Herbicide Reaction**

RR - Roundup Ready

STS - Sulfonylurea Tolerant

**Seed Availability**

LS - Limited Supply

NA - Not Available

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

Variety	Notes	Herbicide Reaction	Heat Unit Grouping	Hilum Colour	Seeds per Kg	Phytophthora		Seed Supply	Distributor
						Root Rot	% Plant Loss**		
ADV Cadet	F		2900	Y	4100	9*			Advantage Seed Growers
CF1507R		RR		BL	6200	4*			Country Farm Seeds Ltd.
OAC Huron	F			Y	4400	5			Huron Commodities Inc.
PRO 2895R		RR		IY	5300	7			PRO Seeds of Canada
S18-R6	F SCN			Y	4600	10*			Syngenta Seeds Canada, Inc.
91M70	1k	RR		BR	6900	8			Pioneer Hi-Bred Ltd.
RT1784A	1k	RR		BR	5700	4			Land O'Lakes, Inc.
2299RR		RR	2950	BR	7200	14*			Syngenta Seeds Canada, Inc.
29-52R	1k	RR		BL	5700	na			DEKALB Monsanto Canada Inc.
91M60	1c	RR		BL	6300	3			Pioneer Hi-Bred Ltd.
91M80	SCN 1k	RR		BL	6000	4*			Pioneer Hi-Bred Ltd.
91M91	SCN 1k	RR		BR	6400	4			Pioneer Hi-Bred Ltd.
AG1901	1k	RR		BL	6600	4			DEKALB Monsanto Canada Inc.
DH410	F SCN			Y	5100	7		LS	Hendrick Seeds
FS2950R		RR		GR	5500	5			SeCan
HDC 1600T	F			Y	4800	5*			Hensall District Co-op Inc
Katrina				IY	4700	5			PRO Seeds of Canada
RC1820	SCN 1k	RR		IBL	6500	5			Land O'Lakes, Inc.
RT1992		RR		LBR	6300	6			Land O'Lakes, Inc.
CF1907R		RR		BL	5700	4*			Country Farm Seeds Ltd.
PRO 2915R		RR		BL	6100	7*			PRO Seeds of Canada
2010RRN	SCN	RR	3000	BR	7000	6*			Syngenta Seeds Canada, Inc.
92M02	1k	RR		BR	6100	8			Pioneer Hi-Bred Ltd.
92M10	1c			Y	6400	5			Pioneer Hi-Bred Ltd.
CF2003RN	SCN 1c	RR		BL	6400	5			Country Farm Seeds Ltd.
DH1013	F			Y	3700	14*		LS	Hendrick Seeds
DH2053	F			Y	4000	na		NA	Hendrick Seeds
Hannah	F			Y	4000	na			Inwood Seed & Grain Ltd.
RCAT MiRRa		RR		IY	5600	5			SeCan
S20-G7	F 1c			Y	4800	6*			Syngenta Seeds Canada, Inc.
SG1911NRR	SCN	RR		IBL	5600	7			Pride Seeds
Sherwin	SCN			Y	5300	5			Hyland Seeds, Div. of Thompsons Ltd.
30-07R	SCN 1k	RR		IBL	6300	7			DEKALB Monsanto Canada Inc.
92M11	SCN 1k	RR		BR	6300	4*			Pioneer Hi-Bred Ltd.
RR Respond	SCN	RR		BL	6600	4			Hyland Seeds, Div. of Thompsons Ltd.
30-06R	1k	RR	3050	BL	6200	5			DEKALB Monsanto Canada Inc.
Inwoodvinton	F HP 1k, 1c			Y	5400	7			Inwood Seed & Grain Ltd.
OAC Kent	F			Y	4600	8			SeCan
PRO 3095R	1k	RR		IY	6600	6			PRO Seeds of Canada
RC2220	SCN 1k	RR		LBR	6700	5			Land O'Lakes, Inc.
RCAT Pinehurst	F			Y	5600	6			SeCan
Carter				Y	5600	6			Hyland Seeds, Div. of Thompsons Ltd.
X790P	F HP			Y	4100	12*			Hensall District Co-op Inc
2422RR		RR	3100	BR	5900	9*			Syngenta Seeds Canada, Inc.
5211RR	1k	RR		BL	6600	9			Dow AgroSciences Canada Inc.
92B38		RR		BR	5900	12			Pioneer Hi-Bred Ltd.
92M33	SCN	RR		BR	5900	5			Pioneer Hi-Bred Ltd.
ISG 89	F HP			Y	4600	5*			Inwood Seed & Grain Ltd.
RR Krypton	SCN 1c	RR		BL	6800	8			Maizex Seeds Inc.
RR Oxygen		RR		BL	6500	8			Maizex Seeds Inc.
RR Rodney		RR		BL	6500	2			Hyland Seeds, Div. of Thompsons Ltd.
RT2333	1a	RR		BF	6600	10			Land O'Lakes, Inc.
S23-T5	SCN 1c			IY	5600	na			Syngenta Seeds Canada, Inc.
92M52	SCN 1k	RR		BL	5700	7			Pioneer Hi-Bred Ltd.
92M61	SCN	RR		BF	6600	5			Pioneer Hi-Bred Ltd.
PS 89 VRR	1c L-LA	RR		BL	5600	5*			Pride Seeds
2355RR		RR	3150	GR	5400	4			SeCan
2525RR		RR		BR	5900	5*			Syngenta Seeds Canada, Inc.
31-04R	SCN 1c	RR		BL	6500	7			DEKALB Monsanto Canada Inc.

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**Herbicide Reaction**  
 RR - Roundup Ready  
 STS - Sulfonylurea Tolerant

**Seed Availability**  
 LS - Limited Supply  
 NA - Not Available

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

Variety	Notes	Herbicide Reaction	Heat		Seeds per Kg	Phytophthora		Seed Supply	Distributor
			Unit Grouping	Hilum Colour		Root Rot % Plant Loss**	Seed		
31-52R	SCN	RR	3150	BL	6400	9*			DEKALB Monsanto Canada Inc.
92M74	SCN 1c	RR		BR	5800	7			Pioneer Hi-Bred Ltd.
HS 24VR11	1k L-LA	RR		BL	6800	na			Hyland Seeds, Div. of Thompsons Ltd.
ISG 2631F	F HP			Y	4400	6*			Inwood Seed & Grain Ltd.
PRO 30-05	F			IY	4900	7			PRO Seeds of Canada
PS 88 RR		RR		BL	6500	6			Pride Seeds
RR Renwick		RR		BL	5900	11			Hyland Seeds, Div. of Thompsons Ltd.
RT2442	1k	RR		IBL	6600	4			Land O'Lakes, Inc.
S25-D3	F 1c			Y	4600	6*			Syngenta Seeds Canada, Inc.
31-53R	SCN 1c	RR		IBL	6600	2*			DEKALB Monsanto Canada Inc.
HL 97	F			Y	4700	24*			Hyland Seeds, Div. of Thompsons Ltd.
HS 24VRS62	SCN 1c L-LA	RR		GR	7200	na			Hyland Seeds, Div. of Thompsons Ltd.
PS 90 NRR	SCN 1k	RR		IBL	6300	3*			Pride Seeds
32-04R	SCN 1c	RR	3200	BL	6200	13			DEKALB Monsanto Canada Inc.
92M75	SCN 1k	RR		BL	5400	7			Pioneer Hi-Bred Ltd.
ADV Roar	SCN	RR		BR	6300	3			Advantage Seed Growers
ADV Rocket RR		RR		BR	6700	5			Advantage Seed Growers
CF2603RN	SCN 1c	RR		BL	6400	3			Country Farm Seeds Ltd.
Excellent	F HP 1k			BL	5000	2*			Inwood Seed & Grain Ltd.
HS 24R45		RR		BL	5900	10			Hyland Seeds, Div. of Thompsons Ltd.
RCAT Ruthven	SCN			Y	6900	5			SeCan
RT2533		RR		IBL	5800	9			Land O'Lakes, Inc.
SC Starfield	F SCN			Y	5700	11			SeCan
32-05R	SCN 1c	RR		IBL	6500	na			DEKALB Monsanto Canada Inc.
32-51R	SCN 1a	RR	3250	BL	6300	11			DEKALB Monsanto Canada Inc.
32-52R	SCN 1k	RR		IBL	5700	6			DEKALB Monsanto Canada Inc.
32-54VR	SCN L-LA	RR		Y	5800	na			DEKALB Monsanto Canada Inc.
5N262RR	SCN	RR		BL	5600	4			Dow AgroSciences Canada Inc.
92M91	1k	RR		BL	5900	5			Pioneer Hi-Bred Ltd.
PS 96 NRR	SCN	RR		IBL	5800	11			Pride Seeds
PS 99 VRR	SCN 1k L-LA	RR		BF	5600	11*			Pride Seeds

\*\*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

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

**Herbicide Reaction**

RR - Roundup Ready

STS - Sulfonylurea Tolerant

**Seed Availability**

LS - Limited Supply

NA - Not Available

**TEST LOCATIONS & SOIL TYPES - 2007 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	Del Cressman
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	Bernard 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 1yr	Renfrew 2yr	Average 2yr	Average 3yr		
DrakoRR	104	90	97	<b>99</b>	100	95	93	<b>96</b>	68	1.6
PS 26 RR	107	86	84	<b>83</b>	101	93	86	<b>88</b>	67	1.3
Montcalm	109	104	101	<b>103</b>	106	94	100	<b>101</b>	75	1.0
PRO 2590R	109	--	102	--	--	--	99	--	76	1.3
LS 0045RR	112	92	94	<b>97</b>	91	87	89	<b>93</b>	68	1.1
27005RR	113	--	96	--	--	--	97	--	70	1.0
LS 0065RR	113	113	103	<b>108</b>	127	110	106	<b>112</b>	71	1.1
24-51R	113	--	101	--	--	--	104	--	74	1.0
90A06	114	--	100	--	--	--	104	--	74	1.4
26006RR	114	97	97	<b>101</b>	103	101	99	<b>101</b>	62	1.0
26005RR	115	91	88	<b>92</b>	79	85	85	<b>88</b>	61	1.2
90M02	116	--	103	--	--	--	102	--	72	1.0
OlexRR	116	103	104	<b>104</b>	101	110	105	<b>105</b>	79	1.1
Renfrew	118	116	106	<b>108</b>	105	122	108	<b>113</b>	93	1.1
Belle RR	119	--	100	--	--	--	103	--	73	1.1
25-52R	119	--	118	--	--	--	119	--	80	1.0
90M01	119	108	105	<b>104</b>	86	104	102	<b>103</b>	70	1.0
Average yield (T/ha)		2.04	2.74	<b>2.77</b>	2.10	2.54	2.35	<b>2.45</b>		
(bu/ac)		30.3	40.6	<b>41.1</b>	31.2	37.7	34.9	<b>36.3</b>		

**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 1yr	Renfrew 2yr	Average 2yr	Average 3yr		
90A01	103	79	76	<b>79</b>	80	76	72	<b>78</b>	57	1.0
S00-Z1	110	92	95	<b>98</b>	93	80	91	<b>92</b>	70	1.0
OAC Carman	110	103	105	<b>104</b>	93	98	101	<b>101</b>	80	1.3
PRO 25-53	113	106	104	<b>104</b>	116	109	104	<b>107</b>	76	1.2
OAC Gretna	114	96	103	<b>100</b>	98	111	106	<b>101</b>	69	1.1
Phoenix	114	107	109	<b>107</b>	99	110	107	<b>107</b>	71	1.0
OAC Ayton	114	117	109	<b>109</b>	120	115	118	<b>113</b>	69	1.2
Average yield (T/ha)		2.01	2.96	<b>3.10</b>	2.21	2.42	2.31	<b>2.55</b>		
(bu/ac)		29.7	43.9	<b>46.0</b>	32.8	35.9	34.2	<b>37.8</b>		

Note: Dundalk & Renfrew 2 yr average includes data from 2005 and 2007 trials only.

**Testing Locations: Table 2**

Dundalk	2005	--	2007
Elora	2005	2006	2007
Renfrew	2005	--	2007
Listowel	--	--	2007



**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
PS 35 RR	107	87	93	90	87	87	85	86	88	87	82	1.4
DKB00-99	108	92	98	98	93	92	99	99	95	96	87	1.6
90M02	109	--	92	--	85	--	88	--	88	--	76	1.6
90M01	110	93	86	85	97	97	92	92	92	91	73	1.5
CF0606R	111	--	101	--	92	--	91	--	95	--	79	1.5
PS 46 RR	112	98	99	98	93	95	97	98	96	97	76	1.4
25-52R	112	--	105	--	100	--	103	--	103	--	83	1.4
Belle RR	112	91	90	89	91	94	91	92	91	92	76	1.2
PRO 2615R	113	--	98	--	95	--	96	--	95	--	86	1.7
PRO 2690R	113	96	92	91	94	93	97	96	94	94	82	1.5
26-54R	114	96	100	98	96	96	99	98	98	97	82	1.9
0256RR	114	--	112	--	103	--	104	--	105	--	81	1.4
Renfrew	114	--	89	--	94	--	94	--	93	--	93	1.5
PRO 2795R	114	94	101	99	97	94	94	92	97	95	86	2.0
RT0395	115	100	101	98	101	101	103	103	102	101	96	1.6
ADV Runaway RR	115	106	101	102	95	94	92	90	97	97	86	2.0
2702R	115	97	96	96	101	99	99	100	98	98	86	1.6
27-07R	115	97	107	101	102	101	104	103	104	101	85	1.4
LynxRR	115	106	106	105	105	108	110	109	108	107	78	1.3
Minto	116	104	98	100	99	101	100	100	99	101	86	1.6
OAC Raptor	116	95	95	97	98	97	96	98	96	97	84	1.7
90M40	116	104	108	104	98	99	99	102	102	102	82	1.5
26-55R	116	109	103	103	106	106	107	103	106	105	85	1.3
RR React	116	100	107	106	100	103	101	104	103	103	86	1.5
90B73	116	101	94	96	98	97	96	97	96	97	86	1.8
90M60	117	99	104	102	103	100	100	98	102	100	80	1.4
90M80	117	--	99	--	100	--	99	--	100	--	85	1.4
ADV Rascal RR	118	104	96	101	99	98	95	96	97	99	80	1.7
0800RR	118	101	103	104	104	103	104	103	103	103	90	1.3
5B060RR	118	102	92	91	100	95	92	90	96	94	93	1.6
PS 56 RR	119	95	99	100	103	101	105	106	102	101	92	1.4
28-03R	119	114	113	118	114	110	118	115	115	114	100	1.7
RT0611	119	105	100	102	103	103	108	107	104	104	83	1.2
27-51R	120	104	97	101	109	107	103	102	103	103	83	1.9
Karlo RR	120	104	101	101	102	101	107	107	104	103	80	1.1
CeryxRR	120	104	110	112	111	110	109	110	110	110	88	1.8
PRO 2715R	122	--	105	--	104	--	112	--	107	--	90	1.1
RCAT MatRix	122	--	109	--	114	--	105	--	109	--	88	2.2
ADV0405R	125	102	102	110	114	118	106	110	107	111	80	1.5
Average yield (T/ha)		3.08	3.20	3.20	3.46	3.29	3.92	3.96	3.27	3.41		
(bu/ac)		45.6	47.5	47.5	51.3	48.8	58.2	58.7	48.5	50.6		

**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	Elora 3yr	Ottawa 2yr	Ottawa 3yr	Winchester 2yr	Winchester 3yr	Average 2yr			Average 3yr	
Kamichis	F	109	--	85	85	85	83	94	91	88	84	79	1.7
PS 36		109	91	95	95	90	93	93	93	93	93	90	2.1
Chikala	F	110	--	83	87	86	81	77	81	82	81	78	1.9
ADV Windfall	F	111	98	104	102	101	102	103	103	103	102	82	1.5
PRO 26-53		111	103	105	105	100	102	93	91	99	99	77	1.7
Connor		112	101	98	98	94	95	106	107	100	100	83	1.9
Auriga		112	105	104	107	106	106	104	100	105	104	83	1.4
S03-W4	F	113	110	108	105	101	102	102	104	104	104	85	1.6
S05-T6		113	112	107	107	110	110	110	111	110	110	88	1.6
Venus	F	113	100	92	92	99	99	99	99	97	97	88	2.0
OAC Bayfield		113	104	102	103	100	102	101	97	101	101	80	2.1
OAC 04-20	F	114	98	102	101	96	100	100	99	99	99	82	1.8
OAC Champion	F	114	102	105	100	94	94	104	100	102	98	92	2.4
RD714	F	115	--	90	--	89	--	95	--	91	--	91	1.9
PRO 275		116	115	105	104	110	106	103	102	106	105	83	2.0
OAC Lakeview	F	117	115	105	106	105	103	112	112	108	108	85	2.3
Madison		118	115	108	104	113	112	110	108	111	109	83	2.0
ADV Mike	F	119	--	108	--	102	--	103	--	104	--	89	2.3
OAC Wallace	F	119	109	114	113	116	114	114	113	115	112	86	1.7
HDC 2701	F	119	--	88	91	91	91	79	89	86	88	87	2.2
CF0703	F	120	102	90	93	--	--	98	100	96	100	89	2.1
Average yield (T/ha)		2.88	3.22	3.23	3.74	3.34	3.98	3.80	3.35	3.36			
(bu/ac)		42.7	47.8	47.9	55.5	49.5	59.1	56.4	49.7	49.8			

Notes: F = Food type soybean

Brussels 2 yr average includes data from 2005 and 2007 trials only.

**Testing Locations: Table 3**

Brussels	2005	--	2007
Elora	2005	2006	2007
Ottawa	2005	2006	2007
Winchester	2005	2006	2007

**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		
91M01	116	102	--	93	--	100	--	99	--	99	--	85	1.3
RR Mercury	117	103	--	98	--	103	--	95	--	100	--	89	1.4
S06-G6	118	102	--	101	--	103	--	99	--	101	--	89	1.3
2606RR	118	101	<b>100</b>	98	<b>98</b>	93	<b>100</b>	95	<b>94</b>	97	<b>98</b>	83	1.4
ADV Rascal RR	118	93	<b>91</b>	96	<b>93</b>	86	<b>86</b>	93	<b>91</b>	92	<b>90</b>	82	1.3
Joliette RR	118	92	--	92	--	91	--	86	--	90	--	82	1.2
28-03R	119	102	<b>98</b>	100	<b>99</b>	110	<b>107</b>	100	<b>99</b>	103	<b>101</b>	99	1.2
CF0805R	119	103	<b>101</b>	101	<b>99</b>	99	<b>100</b>	102	<b>100</b>	101	<b>100</b>	85	1.2
PRO 2995R	120	95	<b>95</b>	96	<b>97</b>	93	<b>94</b>	95	<b>97</b>	95	<b>96</b>	96	1.1
RT0995	120	108	<b>107</b>	102	<b>103</b>	107	<b>107</b>	106	<b>105</b>	106	<b>105</b>	92	1.3
CeryxRR	120	100	<b>101</b>	106	<b>106</b>	101	<b>103</b>	96	<b>99</b>	101	<b>102</b>	88	1.3
RCAT MatRix	121	102	<b>104</b>	113	<b>111</b>	98	<b>101</b>	102	<b>105</b>	104	<b>105</b>	88	1.5
RR Razor	121	95	<b>97</b>	98	<b>100</b>	96	<b>94</b>	102	<b>103</b>	98	<b>98</b>	90	1.3
PS 1057 RR	122	91	--	105	--	102	--	106	--	101	--	90	1.1
PRO 2895R	122	101	<b>102</b>	96	<b>97</b>	98	<b>95</b>	94	<b>95</b>	97	<b>97</b>	90	1.4
91M30	122	101	<b>101</b>	86	<b>90</b>	93	<b>94</b>	102	<b>99</b>	95	<b>96</b>	75	1.1
5140RR	122	98	<b>98</b>	101	<b>98</b>	91	<b>93</b>	96	<b>99</b>	96	<b>97</b>	82	1.1
RT1004	122	98	<b>99</b>	111	<b>107</b>	95	<b>99</b>	99	<b>97</b>	100	<b>101</b>	83	1.2
91M41	122	103	--	99	--	93	--	98	--	98	--	78	1.1
PRO 2815R	123	92	--	93	--	94	--	96	--	94	--	84	1.1
FS2950R	124	100	<b>97</b>	106	<b>103</b>	102	<b>103</b>	104	<b>102</b>	103	<b>102</b>	98	1.4
CF0905R	124	105	<b>107</b>	99	<b>99</b>	102	<b>103</b>	99	<b>99</b>	101	<b>102</b>	88	1.2
ADV0405R	124	98	<b>100</b>	101	<b>100</b>	101	<b>103</b>	109	<b>103</b>	102	<b>102</b>	80	1.2
PS 68 NRR	125	101	--	85	--	100	--	98	--	96	--	81	1.3
28-52R	125	102	<b>99</b>	89	<b>92</b>	105	<b>103</b>	99	<b>98</b>	99	<b>98</b>	92	1.3
PS 76 RR	125	93	<b>95</b>	100	<b>101</b>	96	<b>96</b>	99	<b>102</b>	97	<b>98</b>	91	1.6
S13-H7	126	99	--	101	--	102	--	100	--	101	--	98	1.2
RT1784A	126	107	<b>106</b>	105	<b>104</b>	112	<b>109</b>	106	<b>104</b>	108	<b>106</b>	85	1.1
Vaudreuil RR	126	100	<b>101</b>	97	<b>98</b>	107	<b>110</b>	108	<b>107</b>	103	<b>104</b>	87	1.1
RT1445	126	102	--	108	--	111	--	100	--	105	--	82	1.0
1633RR	127	102	<b>102</b>	107	<b>104</b>	101	<b>100</b>	99	<b>101</b>	102	<b>102</b>	88	1.4
PRO 2915R	128	105	--	106	--	104	--	107	--	105	--	94	1.1
CF1507R	128	105	--	111	--	113	--	109	--	110	--	92	1.5
Average yield (bu/ac)		3.80	<b>3.93</b>	3.50	<b>3.81</b>	4.22	<b>4.12</b>	3.90	<b>4.10</b>	3.86	<b>3.99</b>		
		56.3	<b>58.2</b>	52.0	<b>56.5</b>	62.7	<b>61.1</b>	57.8	<b>60.8</b>	57.2	<b>59.1</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		Average			
		2yr	3yr	2yr	3yr	2yr	3yr	2yr	3yr	2yr	3yr		
OAC Wallace	F	116	105	<b>102</b>	104	104	<b>100</b>	104	<b>100</b>	105	<b>101</b>	88	1.5
HDC 2701	F	116	87	--	--	73	<b>80</b>	77	<b>78</b>	81	<b>81</b>	87	1.7
ADV Mike	F	117	103	--	--	89	--	87	--	94	--	86	1.9
Colby		117	105	<b>107</b>	110	99	<b>93</b>	108	<b>106</b>	105	<b>103</b>	81	1.5
S08-80		118	98	<b>97</b>	101	103	<b>97</b>	98	<b>93</b>	100	<b>96</b>	84	1.4
91M10		118	101	<b>98</b>	100	106	<b>100</b>	110	<b>103</b>	105	<b>100</b>	83	1.3
OAC Prodigy		121	107	<b>106</b>	97	106	<b>103</b>	99	<b>95</b>	103	<b>101</b>	85	1.5
Arva	F	121	106	--	--	100	<b>100</b>	108	<b>105</b>	105	<b>102</b>	87	1.4
S12-A5		121	89	<b>95</b>	105	113	<b>111</b>	115	<b>110</b>	105	<b>105</b>	85	1.3
ADV108	F	122	100	--	--	99	<b>103</b>	100	<b>101</b>	100	<b>100</b>	84	1.9
PS 73		122	104	<b>105</b>	104	105	<b>100</b>	108	<b>103</b>	105	<b>103</b>	91	1.6
S14-P6	F	122	95	--	--	99	<b>106</b>	103	<b>93</b>	100	<b>97</b>	83	1.4
Colin		123	106	<b>105</b>	113	93	<b>89</b>	107	<b>107</b>	103	<b>102</b>	78	1.8
HDC 1600T	F	125	106	--	--	112	<b>110</b>	114	<b>104</b>	110	<b>107</b>	80	1.6
ADV Cadet	F	126	95	--	--	90	<b>92</b>	91	<b>93</b>	90	<b>89</b>	99	1.7
OAC Huron	F	127	106	--	--	100	--	104	--	104	--	91	1.9
DH410	F	127	104	<b>105</b>	96	111	<b>108</b>	105	<b>102</b>	105	<b>103</b>	92	1.5
S18-R6	F	127	107	--	--	105	--	102	--	104	--	92	1.3
Katrina		128	108	<b>107</b>	106	111	<b>108</b>	102	<b>108</b>	106	<b>107</b>	95	1.5
DH1013	F	132	68	--	--	83	--	59	--	72	--	92	2.2
Average yield (bu/ac)		3.80	<b>4.00</b>	3.72	3.98	<b>3.86</b>	3.57	<b>3.82</b>	3.72	<b>3.87</b>			
		56.4	<b>59.4</b>	55.2	59.0	<b>57.3</b>	53.0	<b>56.6</b>	55.2	<b>57.4</b>			

Notes: F = Food type soybean

St. Pauls 2 yr conventional/food average includes data from 2005 and 2007 trials only.

**Testing Locations: Table 4**

Exeter	2005	2006	2007
St. Pauls	2005	2006	2007 (2006 RR Only)
Winchester	2005	2006	2007
Woodstock	2005	2006	2007

**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	Palmyra 3yr	Clay 2yr	Clay 3yr	Clay Avg	Ridgetown 2yr	Talbotville 3yr	Talbotville 2yr	Loam Avg		
91M60	109	91	94	92	95	95	93	93	90	92	81	1.4
91M70	111	93	96	96	98	97	94	95	87	92	85	1.2
91M91	112	94	96	100	101	99	90	92	96	93	88	1.4
91M80	113	96	--	91	--	--	98	--	--	--	92	1.2
RC1820	114	91	94	99	100	97	105	105	102	104	81	1.1
2299RR	115	82	--	89	--	--	96	--	--	--	91	1.5
92M02	115	100	103	100	103	103	108	106	93	101	83	1.1
AG1901	115	95	95	93	96	95	101	96	87	92	98	1.6
SG1911NRR	115	87	89	92	93	91	89	89	91	90	95	1.8
92M11	116	105	--	104	--	--	97	--	--	--	86	1.3
RCAT MiRRa	116	92	94	95	101	98	103	103	97	101	96	1.5
2010RRN	116	104	--	101	--	--	108	--	--	--	87	1.3
RC2220	117	89	92	102	100	96	103	104	106	105	87	1.2
30-07R	117	114	112	100	100	106	104	105	108	106	87	1.1
RR Respond	117	104	102	91	93	97	94	96	96	96	92	1.3
RT1992	118	102	102	105	106	104	111	108	109	108	81	1.0
92B38	118	108	105	100	97	101	98	98	99	98	90	1.4
2422RR	118	91	--	99	--	--	99	--	--	--	88	1.4
30-06R	118	106	104	97	98	101	102	104	103	104	88	1.6
2355RR	118	102	103	103	104	104	99	102	101	102	92	1.2
RR Rodney	119	104	104	103	102	103	95	98	100	99	88	1.2
CF1907R	119	109	--	97	--	--	98	--	--	--	91	1.4
5211RR	119	104	102	103	104	103	96	97	99	98	90	1.4
RT2333	119	113	110	103	99	104	107	103	105	104	90	1.6
2525RR	119	95	--	97	--	--	96	--	--	--	93	1.5
RR Krypton	120	99	100	99	100	100	98	96	101	98	91	1.5
31-04R	120	96	97	94	94	95	98	100	102	101	95	1.4
CF2003RN	120	104	99	98	97	98	97	97	100	98	91	1.1
PS 90 NRR	120	101	--	112	--	--	100	--	--	--	87	1.4
PS 89 VRR	120	104	--	101	--	--	95	--	--	--	89	1.2
RR Oxygen	121	98	98	102	100	99	105	103	110	106	87	1.3
PRO 3095R	121	98	97	107	107	102	109	109	107	108	80	1.0
31-52R	122	105	--	110	--	--	107	--	--	--	96	1.5
PS 88 RR	122	107	105	109	106	106	105	102	105	103	97	1.6
CF2603RN	122	105	104	104	104	104	96	97	105	100	94	1.2
RT2442	122	104	103	97	101	102	101	104	101	103	100	1.8
31-53R	123	109	--	103	--	--	106	--	--	--	94	1.6
32-04R	124	100	--	110	--	--	95	--	--	--	96	1.7
Average yield (T/ha)		2.82	2.92	3.05	2.78	2.85	4.09	4.25	4.22	4.24		
(bu/ac)		41.9	43.3	45.2	41.2	42.3	60.7	63.1	62.6	62.9		

**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	Palmyra 3yr	Clay 2yr	Clay 3yr	Clay Avg	Ridgetown 2yr	Talbotville 3yr	Talbotville 2yr	Loam Avg			
HDC 1600T	F	112	96	99	104	--	103	116	116	--	105	77	1.2
OAC Huron	F	114	100	99	90	91	95	109	103	101	103	81	1.3
Katrina		115	104	98	104	101	100	101	98	101	100	93	1.5
Inwoodvinton	F	115	99	94	92	91	93	91	89	91	91	92	1.6
Sherwin		116	101	101	107	105	103	110	108	108	109	85	1.7
S20-G7	F	117	105	--	99	--	--	100	--	--	--	88	1.3
PRO 30-05	F	118	107	100	105	97	99	99	97	103	101	93	1.5
RCAT Pinehurst	F	118	101	99	106	103	101	120	114	102	111	90	1.7
OAC Kent	F	119	101	100	109	105	102	103	100	105	103	92	1.5
X790P	F	119	92	95	90	--	95	77	82	--	79	88	2.0
92M10		120	107	105	107	103	104	103	101	107	105	95	1.3
S25-D3	F	123	106	109	94	--	105	87	94	--	92	98	1.9
ISG 89	F	124	81	--	93	--	--	84	--	--	--	82	1.7
Average yield (T/ha)		2.73	2.96	3.20	3.03	2.99	3.97	4.33	4.31	4.27			
(bu/ac)		40.6	43.8	47.5	45.0	44.4	59.0	64.3	63.9	63.3			

Notes: F = Food type soybean

Talbotville 2 yr average includes data from 2005 and 2006 trials only.

**Testing Locations: Table 5**

Inwood	2005	2006	2007
Palmyra	2005	2006	2007
Ridgetown	2005	2006	2007
Talbotville	2005	2006	--

**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
RCAT MiRRa	117	80	<b>85</b>	93	<b>96</b>	<b>91</b>	87	<b>90</b>	82	<b>89</b>	<b>90</b>	89	1.1
92B38	118	94	<b>97</b>	94	<b>95</b>	<b>96</b>	108	<b>106</b>	100	<b>100</b>	<b>103</b>	85	1.1
92M33	118	96	<b>96</b>	92	<b>92</b>	<b>94</b>	104	<b>105</b>	95	<b>98</b>	<b>101</b>	88	1.1
CF2603RN	121	92	<b>95</b>	88	<b>90</b>	<b>92</b>	95	<b>98</b>	94	<b>98</b>	<b>98</b>	88	1.1
RR Renwick	122	102	<b>102</b>	99	<b>100</b>	<b>101</b>	101	<b>99</b>	95	<b>93</b>	<b>96</b>	88	1.1
92M52	122	100	<b>98</b>	106	<b>105</b>	<b>102</b>	102	<b>101</b>	104	<b>103</b>	<b>102</b>	86	1.1
PS 96 NRR	123	95	<b>96</b>	98	<b>97</b>	<b>97</b>	90	<b>90</b>	101	<b>100</b>	<b>95</b>	83	1.1
ADV Rocket	124	103	<b>103</b>	92	<b>93</b>	<b>98</b>	103	<b>102</b>	102	<b>98</b>	<b>100</b>	87	1.1
32-04R	124	105	<b>103</b>	92	<b>97</b>	<b>100</b>	100	<b>96</b>	99	<b>99</b>	<b>98</b>	91	1.3
92M74	124	100	<b>103</b>	111	<b>109</b>	<b>106</b>	99	<b>105</b>	108	<b>105</b>	<b>105</b>	88	1.1
HS 24R45	124	105	<b>105</b>	108	<b>104</b>	<b>104</b>	95	<b>97</b>	102	<b>103</b>	<b>101</b>	85	1.2
92M61	125	103	<b>105</b>	111	<b>110</b>	<b>108</b>	105	<b>107</b>	112	<b>107</b>	<b>107</b>	85	1.1
32-52R	125	107	<b>104</b>	100	<b>101</b>	<b>102</b>	112	<b>104</b>	97	<b>98</b>	<b>101</b>	95	1.2
92M75	125	101	<b>102</b>	103	<b>103</b>	<b>103</b>	105	<b>105</b>	105	<b>107</b>	<b>106</b>	83	1.2
5N262RR	125	97	<b>98</b>	99	<b>99</b>	<b>99</b>	101	<b>101</b>	102	<b>96</b>	<b>99</b>	79	1.1
ADV Roar	125	103	<b>101</b>	103	<b>99</b>	<b>99</b>	97	<b>92</b>	94	<b>94</b>	<b>93</b>	88	1.2
92M91	126	110	<b>109</b>	107	<b>108</b>	<b>109</b>	107	<b>108</b>	110	<b>107</b>	<b>107</b>	90	1.0
32-51R	126	100	<b>99</b>	103	<b>102</b>	<b>101</b>	93	<b>93</b>	103	<b>103</b>	<b>99</b>	84	1.1
PS 99 VRR	129	107	--	100	--	--	95	--	94	--	--	94	1.4
Average yield (T/ha)		3.33	<b>3.37</b>	3.95	<b>3.92</b>	<b>3.64</b>	3.62	<b>3.64</b>	4.66	<b>4.74</b>	<b>4.19</b>		
(bu/ac)		49.4	<b>50.0</b>	58.6	<b>58.1</b>	<b>54.1</b>	53.7	<b>53.9</b>	69.2	<b>70.4</b>	<b>62.2</b>		

**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
PRO 30-05	F	115	100	<b>100</b>	102	<b>96</b>	<b>97</b>	102	<b>98</b>	95	<b>101</b>	<b>100</b>	82	1.1
RCAT Pinehurst	F	117	104	<b>105</b>	94	<b>94</b>	<b>99</b>	112	<b>109</b>	101	<b>105</b>	<b>106</b>	85	1.4
Carter		117	91	<b>93</b>	106	<b>100</b>	<b>96</b>	98	<b>101</b>	104	<b>103</b>	<b>102</b>	74	1.0
ISG 2631F	F	117	92	--	92	<b>98</b>	<b>96</b>	92	<b>94</b>	92	<b>89</b>	<b>92</b>	89	1.2
OAC Kent	F	118	105	<b>105</b>	110	<b>107</b>	<b>106</b>	114	<b>108</b>	106	<b>107</b>	<b>108</b>	87	1.4
92M10		119	111	<b>108</b>	110	<b>107</b>	<b>107</b>	106	<b>101</b>	104	<b>105</b>	<b>103</b>	88	1.1
S25-D3	F	119	103	--	101	<b>106</b>	<b>105</b>	102	<b>105</b>	97	<b>95</b>	<b>99</b>	90	1.5
HL 97	F	120	103	--	89	<b>101</b>	<b>101</b>	87	<b>98</b>	97	<b>92</b>	<b>95</b>	91	1.6
Excellent	F	122	93	<b>94</b>	103	<b>101</b>	<b>97</b>	91	<b>89</b>	94	<b>96</b>	<b>93</b>	84	1.3
SC Starfield	F	125	108	<b>108</b>	100	<b>95</b>	<b>101</b>	113	<b>109</b>	110	<b>109</b>	<b>109</b>	105	1.3
RCAT Ruthven		127	90	<b>96</b>	94	<b>94</b>	<b>95</b>	84	<b>87</b>	99	<b>99</b>	<b>94</b>	86	2.0
Average yield (T/ha)			3.09	<b>3.21</b>	3.51	<b>3.67</b>	<b>3.45</b>	3.51	<b>3.49</b>	4.60	<b>4.63</b>	<b>4.06</b>		
(bu/ac)			45.8	<b>47.6</b>	52.0	<b>54.5</b>	<b>51.2</b>	52.0	<b>51.8</b>	68.3	<b>68.7</b>	<b>60.3</b>		

Notes: F = Food type soybean

**Testing Locations: Table 6**

Merlin	2005	2006	2007
Woodslee	2005	2006	2007
Chatham	2005	2006	2007
Malden	2005	2006	2007



## 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

### DEKALB Monsanto Canada Inc.

130 Research Lane, Unit 6  
Guelph, ON N1G 5G3  
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

### Huron Commodities Inc.

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

### Hyland Seeds, Div. of Thompsons Ltd.

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

### Inwood Seed & Grain Ltd.

Box 130, 6505 James St.  
Inwood, ON N0N 1K0  
Tel: 519-844-2426 Fax 519-844-2424

### La Coop fédérée

2405 de la Province, Longueuil, QC J4G 1G3  
Tel: 450-670-2231 Fax: 450-670-3900  
Email: centre-distribution@sympatico.ca  
www.coopfed.qc.ca

### 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

RR #6, Woodstock, ON N4S 7W1  
Tel: 1-888-537-5157 Fax: 519-533-0773  
Email: admin@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

### Quarry Grain Commodities

Box 1840, 310 1st St W - 2nd Floor  
Stonewall, Manitoba R0C 2Z0  
Tel: 204-467-8877, Fax: 204-467-7569  
www.quarrygrain.com

### RD Legault Seeds Ltd

1614 Route 900 West  
St. Albert, ON K0A 3C0  
Tel: 613-987-5494, Fax: 613-987-1082

### SeCan

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

### South West Ag Partners Inc.

40 Centre Square, Suite 200  
Chatham, ON N7M 5W3  
Tel: 519-351-2591  
www.southwestag.ca

### 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](http://www.GoSoy.ca) for  
2008 Yield and Maturity Graphs from OSV report.

**ViPP** Variety Information  
& Performance Profile

Oil and Protein information.  
Food Soybean Variety Performance Information.  
2008 Ontario Soybean Variety Report.