

2008 REPORT

Ontario Soybean Variety Trials For 2005-2007

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

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CROP COMMITTEE

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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.

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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.

White Mold variety ratings are available for several heat unit areas on the web at www.Gosoy.ca.

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.

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		Seed Supply	Distributor
						Root Rot % Plant Loss**	Seed		
DrakoRR		RR	2400	BR	5600	10			La Coop fédérée
90A01				IY	5900	6			Pioneer Hi-Bred Ltd.
PS 26 RR		RR	2450	BR	6200	8			Pride Seeds
24-51R	1a	RR		GR	5700	14*			DEKALB Monsanto Canada Inc.
26005RR	1k	RR		BL	6500	9			Quarry Grain Commodities
26006RR		RR		BL	5600	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	6300	4			Quarry Grain Commodities
S00-Z1				BR	5100	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	7000	15*			Quarry Grain Commodities
Montcalm		RR		IY	5700	15			SeCan
OAC Gretna				IY	4900	9			C&M Seeds
PRO 25-53				IY	4700	13			PRO Seeds of Canada
90M02	1k	RR	2550	BL	6200	5*			Pioneer Hi-Bred Ltd.
25-52R	1k	RR		BL	5100	6*			DEKALB Monsanto Canada Inc.
90M01	1k	RR		Y	5600	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	5400	7*	LS		Hendrick Seeds
OAC Ayton				BR	6700	5			C&M Seeds
OAC Carman				IY	5100	17			C&M Seeds
Phoenix				IY	4800	6			La Coop fédérée
PRO 2590R		RR		BR	5500	6*			PRO Seeds of Canada
Renfrew		RR		IY	5400	8			SeCan
90M40	1k	RR	2600	BL	5500	3			Pioneer Hi-Bred Ltd.
PS 35 RR		RR		BR	5400	10			Pride Seeds
PS 36	1a			Y	5200	11			Pride Seeds
0256RR	1c	RR		BL	6000	7*			Syngenta Seeds Canada, Inc.
90M60	1c	RR		BR	5100	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	5200	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	6300	10*			Country Farm Seeds Ltd.
Connor				Y	5200	5			Hyland Seeds, Div. of Thompsons Ltd.
PRO 2615R	1k	RR		IY	5500	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	6200	7			La Coop fédérée
Naya	1c			IY	5400	na			Prograin
OAC Bayfield				BR	5000	6			SeCan
OAC Champion	F			IY	4900	7			PRO Seeds of Canada
PRO 2690R		RR		BR	5100	14			PRO Seeds of Canada
S03-W4	F 1c			IY	5100	7			Syngenta Seeds Canada, Inc.
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			Syngenta Seeds 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	5500	8			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**		
90M80	SCN 1c	RR	2700	IBL	6600	12*			Pioneer Hi-Bred Ltd.
Auriga				Y	5100	5			La Coop fédérée
CF0703	F 1c			IY	4700	10			Country Farm Seeds Ltd.
HDC 2701	F HP			Y	4400	11*			Hensall District Co-op Inc
Joliette RR		RR		BL	5700	6			SeCan
Madison				BR	5200	6			Hyland Seeds, Div. of Thompsons Ltd.
OAC Lakeview	F			Y	5000	12		LS	SeCan
OAC Raptor		RR		BR	5400	10			SeCan
OAC Rockwood		RR		BR	5900	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	5800	5			Land O'Lakes, Inc.
2606RR		RR	2750	BL	6100	6			Dow AgroSciences Canada Inc.
27-51R	SCN 1k	RR		GR	5800	7			DEKALB Monsanto Canada Inc.
2702R		RR		BL	5700	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	5900	6*			Maizex Seeds Inc.
RR Razor		RR		BR	5300	6			Hyland Seeds, Div. of Thompsons Ltd.
RT0995		RR		BR	5600	11			Land O'Lakes, Inc.
RT1004	1k	RR		BR	6000	4			Land O'Lakes, Inc.
S06-G6	1c	RR		BL	5700	8*			Syngenta Seeds Canada, Inc.
ADV Rascal RR		RR		BL	4900	13			Advantage Seed Growers
ADV0405R		RR		BL	6200	6			Advantage Seed Growers
PRO 2715R	1k	RR		GR	5600	10*			PRO Seeds of Canada
28-03R	1k	RR	2800	BL	5500	5			DEKALB Monsanto Canada Inc.
91M01	1k	RR		BR	5400	6*			Pioneer Hi-Bred Ltd.
91M10				Y	5300	9			Pioneer Hi-Bred Ltd.
CeryxRR		RR		IY	6000	6			La Coop fédérée/SeCan
CF0805R		RR		BL	5900	6			Country Farm Seeds Ltd.
PS 1057 RR		RR		BR	5300	10*			Pride Seeds
S08-80	1c			IY	4600	5			Syngenta Seeds Canada, Inc.
S13-H7	1k	RR		BL	5800	3*			Syngenta Seeds Canada, Inc.
ADV108	F			Y	4400	26*			Advantage Seed Growers
PS 68 NRR	SCN 1k	RR		BL	5900	8*			Pride Seeds
Vaudreuil RR		RR		BL	6300	11			SeCan/C&M Seeds
ADV Runaway RR		RR	2850	BL	6900	9			Advantage Seed Growers
Colby				Y	4800	6			Hyland Seeds, Div. of Thompsons Ltd.
OAC Prodigy				IY	4800	5			PRO Seeds of Canada
PRO 2815R		RR		BF	4700	2*			PRO Seeds of Canada
PRO 2995R	1a	RR		BR	5500	4			PRO Seeds of Canada
PS 73				BF	5200	5			Pride Seeds
PS 76 RR		RR		BR	4800	19			Pride Seeds
RCAT MatRix		RR		BL	5200	8			SeCan
RT1445	1k	RR		BL	6000	6			Land O'Lakes, Inc.
S12-A5	1c, 3a			BR	4600	8			Syngenta Seeds Canada, Inc.
S14-P6	F 1c			Y	4200	3*			Syngenta Seeds Canada, Inc.
28-52R	1k	RR		BL	5800	12			DEKALB Monsanto Canada Inc.
91M41	1k	RR		BL	6200	6*			Pioneer Hi-Bred Ltd.
Arva	F			Y	5200	19*			Advantage Seed Growers
CF0905R		RR		IY	4900	4			Country Farm Seeds Ltd.
Colin				Y	5100	4			Hyland Seeds, Div. of Thompsons Ltd.
1633RR	1c	RR	2900	BL	5700	8			Syngenta Seeds Canada, Inc.
5140RR	1k	RR		BR	5800	8			Dow AgroSciences Canada Inc.

**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 - Sulfonyleurea 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**			
91M30	1k	RR		GR	6500	15			Pioneer Hi-Bred Ltd.
ADV Cadet	F			Y	4300	9*			Advantage Seed Growers
OAC Huron	F			Y	4600	5			Huron Commodities Inc.
PRO 2895R		RR		IY	5600	7			PRO Seeds of Canada
S18-R6	F SCN			Y	4800	10*			Syngenta Seeds Canada, Inc.
91M70	1k	RR		BR	6900	8			Pioneer Hi-Bred Ltd.
RT1784A	1k	RR		BR	6100	4			Land O'Lakes, Inc.
2299RR		RR	2950	BR	7200	14*			Syngenta Seeds 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	5300	7	LS		Hendrick Seeds
FS2950R		RR		GR	5600	5			SeCan
HDC 1600T	F			Y	5000	5*			Hensall District Co-op Inc
Katrina				IY	4800	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.
PRO 2915R		RR		BL	6400	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	3500	14*	LS		Hendrick Seeds
DH2053	F			Y	--	na	NA		Hendrick Seeds
Hannah	F			Y	--	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.
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			Syngenta Seeds Canada, Inc.
2525RR		RR		BR	5900	5*			Syngenta Seeds Canada, Inc.
31-04R	SCN 1c	RR		BL	6500	7			DEKALB Monsanto Canada Inc.

**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		
31-52R	SCN	RR		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
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
RT2442	1k	RR		IBL	6600	4			Land O'Lakes, Inc.
S25-D3	F 1c			Y	4600	6*			Syngenta Seeds Canada, Inc.
HL 97	F			Y	4700	24*			Hyland Seeds, Div. of Thompsons
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
RCAT Ruthven	SCN			Y	6900	5			SeCan
RT2533		RR		IBL	5800	9			Land O'Lakes, Inc.
SC Starfield	F SCN			Y	5700	11			South West Ag Partners 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.
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

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NOTES:

F - Food Soybean

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

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

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	Elora			Ottawa		Winchester		Average		
		2yr	2yr	3yr	2yr	3yr	2yr	3yr	2yr	3yr		
PS 35 RR	107	87	93	90	87	88	85	86	88	88	82	1.4
DKB00-99	108	92	98	98	93	92	99	99	95	96	87	1.6
90M02	109	--	92	--	86	--	88	--	88	--	76	1.6
90M01	110	93	86	85	97	97	92	92	92	92	73	1.5
CF0606R	111	--	101	--	93	--	91	--	95	--	79	1.5
25-52R	112	--	105	--	101	--	104	--	103	--	83	1.4
PS 46 RR	112	98	99	98	93	96	97	98	96	97	76	1.4
Belle RR	112	91	90	89	91	95	91	92	91	92	76	1.2
PRO 2615R	113	--	98	--	95	--	96	--	95	--	86	1.7
PRO 2690R	113	97	92	91	94	93	97	96	94	94	82	1.5
26-54R	114	97	100	98	96	96	99	98	98	97	82	1.9
0256RR	114	--	112	--	103	--	105	--	106	--	81	1.4
Renfrew	114	--	89	--	94	--	94	--	93	--	93	1.5
PRO 2795R	114	94	101	99	97	94	95	92	97	95	86	2.0
RT0395	115	101	101	98	102	102	103	103	102	101	96	1.6
ADV Runaway RR	115	107	101	103	95	94	93	90	97	97	86	2.0
2702R	115	97	96	96	101	99	99	100	98	98	86	1.6
27-07R	115	98	107	101	102	101	104	103	104	101	85	1.4
LynxRR	115	106	106	105	105	109	111	109	108	107	78	1.3
Minto	116	104	98	100	100	101	100	100	99	101	86	1.6
OAC Raptor	116	95	95	97	98	97	97	98	96	97	84	1.7
90M40	116	104	108	105	98	99	99	102	102	102	82	1.5
RR React	116	101	107	106	101	103	102	104	103	104	86	1.5
90B73	116	102	94	96	98	97	96	97	96	97	86	1.8
90M60	117	99	104	102	103	101	100	98	103	100	80	1.4
90M80	117	--	99	--	100	--	99	--	100	--	85	1.4
ADV Rascal RR	118	104	96	101	100	99	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
RT0611	119	105	100	103	103	103	108	107	104	105	83	1.2
28-03R	119	114	114	118	114	110	118	115	115	114	100	1.7
27-51R	120	104	97	101	109	107	103	102	103	103	83	1.9
Karlo RR	120	105	101	101	102	102	107	107	104	104	80	1.1
CeryxRR	120	104	110	113	111	110	109	110	110	110	88	1.8
RCAT MatRix	122	--	109	--	114	--	105	--	109	--	88	2.2
PRO 2715R	122	--	105	--	104	--	112	--	108	--	90	1.1
ADV0405R	125	102	102	110	114	118	106	110	107	111	80	1.5
Average yield (T/ha)		3.07	3.20	3.20	3.45	3.29	3.91	3.95	3.27	3.40		
(bu/ac)		45.5	47.5	47.5	51.2	48.7	58.1	58.6	48.5	50.5		

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	Elora			Ottawa		Winchester		Average		
		2yr	2yr	3yr	2yr	3yr	2yr	3yr	2yr	3yr		
Kamichis	F 109	--	85	85	85	83	94	91	88	84	79	1.7
PS 36	109	91	96	95	91	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	105	102	101	102	103	103	103	102	82	1.5
PRO 26-53	111	103	105	105	100	102	93	91	99	99	78	1.7
Connor	112	101	99	98	94	95	107	107	100	100	83	1.9
Auriga	112	105	105	107	106	106	104	100	105	104	83	1.4
S03-W4	F 113	110	109	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	98	97	88	2.0
OAC Bayfield	113	104	102	103	101	102	101	97	101	101	81	2.1
OAC 04-20	F 114	98	103	101	97	100	100	99	100	99	82	1.8
OAC Champion	F 114	102	105	100	94	94	105	100	102	98	92	2.4
RD714	F 115	--	90	--	90	--	95	--	91	--	91	1.9
PRO 275	116	115	106	104	110	106	103	102	106	105	83	2.0
OAC Lakeview	F 117	115	106	106	105	103	113	112	109	108	85	2.3
Madison	118	115	108	104	113	112	110	108	111	109	83	2.0
OAC Wallace	F 119	109	115	113	116	114	114	113	115	112	86	1.7
HDC 2701	F 119	--	88	91	91	91	79	89	87	88	87	2.2
CF0703	F 120	102	90	93	--	--	99	100	96	100	89	2.1
Average yield (T/ha)		2.88	3.21	3.23	3.73	3.34	3.98	3.80	3.34	3.36		
(bu/ac)		42.7	47.6	47.9	55.4	49.5	59.0	56.4	49.5	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	100	--	94	--	100	--	100	--	98	--	86	1.6
2606RR	117	99	99	98	98	94	100	95	94	97	98	84	1.7
S06-G6	117	98	--	102	--	103	--	99	--	101	--	89	1.5
ADV Rascal RR	118	91	90	96	93	86	86	93	91	91	90	82	1.5
RR Mercury	118	102	--	98	--	103	--	95	--	100	--	90	1.7
Joliette RR	118	89	--	93	--	91	--	86	--	90	--	81	1.3
28-03R	119	104	100	101	99	110	107	100	99	104	102	102	1.4
CF0805R	119	102	100	102	99	100	100	103	100	101	100	86	1.3
PRO 2995R	119	94	94	96	97	93	94	96	97	95	96	98	1.1
RT0995	120	107	106	103	103	108	107	107	105	106	105	93	1.4
CeryxRR	120	99	100	106	106	102	103	96	99	100	102	89	1.4
RCAT MatRix	120	98	100	113	111	99	101	102	105	103	104	88	1.7
RR Razor	121	96	97	98	100	96	94	103	103	98	99	91	1.4
PRO 2895R	121	96	98	96	97	98	95	94	95	96	96	91	1.7
91M30	121	99	100	86	90	94	94	102	99	95	96	75	1.2
PS 1057 RR	122	101	--	105	--	102	--	106	--	104	--	91	1.1
RT1004	122	104	103	111	107	96	99	99	97	102	102	83	1.2
91M41	122	100	--	99	--	94	--	98	--	98	--	77	1.2
5140RR	122	95	96	101	98	91	93	97	99	96	97	82	1.1
PRO 2815R	123	96	--	93	--	94	--	96	--	95	--	84	1.2
ADV0405R	124	100	102	101	100	101	103	109	103	103	102	80	1.4
FS2950R	124	103	99	106	103	102	103	104	102	104	102	98	1.7
PS 68 NRR	124	99	--	85	--	100	--	99	--	96	--	81	1.5
CF0905R	124	103	105	100	99	102	103	99	99	101	102	88	1.3
28-52R	125	103	100	90	92	105	103	99	98	100	98	92	1.5
S13-H7	125	100	--	101	--	102	--	101	--	101	--	98	1.4
PS 76 RR	125	95	96	100	101	97	96	99	102	98	99	92	1.8
Vaudreuil RR	126	104	104	98	98	108	110	109	107	105	105	88	1.1
RT1445	126	107	--	109	--	111	--	101	--	107	--	81	1.1
RT1784A	126	109	107	105	104	112	109	106	104	108	106	85	1.2
1633RR	126	101	101	107	104	101	100	99	101	102	101	88	1.6
PRO 2915R	127	104	--	106	--	104	--	107	--	106	--	94	1.1
Average yield (bu/ac)		4.11	4.13	3.49	3.81	4.21	4.12	3.89	4.10	3.92	4.04		
		61.0	61.3	51.8	56.5	62.4	61.1	57.7	60.8	58.2	59.9		

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	102	104	104	100	103	100	104	101	88	1.5
HDC 2701	F	116	87	--	--	73	80	77	78	80	81	87	1.7
Colby		117	105	107	110	99	93	107	106	104	103	81	1.5
S08-80		118	98	97	101	102	97	97	93	100	96	84	1.4
91M10		118	101	98	100	105	100	109	103	104	100	83	1.3
OAC Prodigy		121	107	106	97	106	103	98	95	103	101	85	1.5
Arva	F	121	106	--	--	100	100	108	105	104	102	87	1.4
S12-A5		121	90	95	105	112	111	115	110	105	105	85	1.3
ADV108	F	122	100	--	--	98	103	99	101	100	100	84	1.9
PS 73		122	104	105	104	104	100	107	103	104	103	91	1.6
S14-P6	F	122	95	--	--	98	106	102	93	99	97	83	1.4
Colin		123	106	105	113	93	89	106	107	102	102	78	1.8
HDC 1600T	F	125	107	--	--	111	110	113	104	110	107	80	1.6
ADV Cadet	F	126	95	--	--	89	92	90	93	90	89	99	1.7
OAC Huron	F	127	106	--	--	100	--	103	--	103	--	91	1.9
DH410	F	127	105	105	96	111	108	104	102	105	103	92	1.5
S18-R6	F	127	108	--	--	104	--	101	--	104	--	92	1.3
Katrina		128	108	107	106	110	108	102	108	106	107	95	1.5
DH1013	F	132	68	--	--	83	--	58	--	72	--	92	2.2
Average yield (bu/ac)		3.79	4.00	3.72	4.00	3.86	3.60	3.82	3.73	3.87			
		56.3	59.4	55.2	59.3	57.3	53.4	56.6	55.3	57.4			

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	Inwood 3yr	Palmyra 2yr	Palmyra 3yr	Clay Avg	Ridgetown 2yr	Ridgetown 3yr	Talbotville 2yr	Loam Avg		
91M60	109	91	94	92	95	95	93	93	90	92	81	1.4
91M70	111	94	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	97	--	91	--	--	98	--	--	--	92	1.2
RC1820	114	91	94	99	100	97	106	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	96	95	93	96	95	101	96	87	92	98	1.6
SG1911NRR	115	88	89	92	93	91	89	89	91	90	95	1.8
92M11	116	106	--	104	--	--	97	--	--	--	86	1.3
RCAT MiRRa	116	92	94	95	101	98	104	103	97	101	96	1.5
2010RRN	116	105	--	101	--	--	108	--	--	--	87	1.3
RC2220	117	89	92	102	100	96	103	104	106	105	87	1.2
30-07R	117	115	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
30-06R	118	107	104	97	98	101	102	104	103	104	88	1.6
2422RR	118	91	--	99	--	--	99	--	--	--	88	1.4
92B38	118	109	105	100	97	101	98	98	99	98	90	1.4
2355RR	118	103	103	103	104	104	100	102	101	102	92	1.2
RR Rodney	119	105	104	103	102	103	95	98	100	99	88	1.2
5211RR	119	104	102	103	104	103	96	97	99	98	90	1.4
RT2333	119	114	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	105	--	101	--	--	95	--	--	--	89	1.2
RR Oxvaen	121	98	98	102	100	99	105	103	110	106	87	1.3
PRO 3095R	121	99	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	106	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
32-04R	124	100	--	110	--	--	96	--	--	--	96	1.7
Average yield (T/ha)		2.81	2.92	3.05	2.78	2.85	4.09	4.25	4.22	4.24		
(bu/ac)		41.7	43.3	45.2	41.2	42.3	60.6	63.1	62.6	62.9		

TABLE 5.2 AGRONOMIC DATA AT 2900-3300 HEAT UNIT AREAS (CON/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			
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	85	93	96	91	87	90	82	89	90	89	1.1
92B38	118	94	97	94	95	96	108	106	100	100	103	85	1.1
92M33	118	96	96	92	92	94	104	105	95	98	101	88	1.1
CF2603RN	121	92	95	88	90	92	95	98	94	98	98	88	1.1
RR Renwick	122	102	102	99	100	101	101	99	95	93	96	88	1.1
92M52	122	100	98	106	105	102	102	101	104	103	102	86	1.1
PS 96 NRR	123	95	96	98	97	97	90	90	101	100	95	83	1.1
ADV Rocket	124	103	103	92	93	98	103	102	102	98	100	87	1.1
32-04R	124	105	103	92	97	100	100	96	99	99	98	91	1.3
92M74	124	100	103	111	109	106	99	105	108	105	105	88	1.1
HS 24R45	124	105	105	108	104	104	95	97	102	103	101	85	1.2
92M61	125	103	105	111	110	108	105	107	112	107	107	85	1.1
32-52R	125	107	104	100	101	102	112	104	97	98	101	95	1.2
92M75	125	101	102	103	103	103	105	105	105	107	106	83	1.2
5N262RR	125	97	98	99	99	99	101	101	102	96	99	79	1.1
ADV Roar	125	103	101	103	99	99	97	92	94	94	93	88	1.2
92M91	126	110	109	107	108	109	107	108	110	107	107	90	1.0
32-51R	126	100	99	103	102	101	93	93	103	103	99	84	1.1
PS 99 VRR	129	107	--	100	--	--	95	--	94	--	--	94	1.4
Average yield (T/ha)		3.33	3.37	3.95	3.92	3.64	3.62	3.64	4.66	4.74	4.19		
(bu/ac)		49.4	50.0	58.6	58.1	54.1	53.7	53.9	69.2	70.4	62.2		

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

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

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

Variety	Average of 6 Tests (2005-2007)		Average of 4 Tests (2006-2007)	
	Days to Maturity	Yield Index (%)	Days to Maturity	Yield Index (%)
S18-R6	--	--	110	108
SG1911NRR*	110	110	112	108
91M91*	110	121	112	117
DH410	110	108	112	101
Sherwin	111	119	113	118
30-07R*	113	124	113	121
RR Respond*	113	115	114	111
CF2003RN*	114	114	115	109
RC2220*	114	127	115	126
92M33*	116	123	116	119
31-04R*	116	120	116	112
31-52R*	--	--	118	119
PS 90 NRR*	--	--	118	116
92M52*	118	138	119	137
CF2603RN*	118	115	120	106
92M61*	119	137	120	132
5N262RR*	120	114	121	104
32-04R*	120	120	121	112
PS 96 NRR*	121	122	121	117
92M74*	--	--	121	129
ADV Roar*	--	--	123	113
92M75*	--	--	123	125
32-52R*	123	131	123	135
32-51R*	123	126	124	121
PS 99 VRR*	--	--	125	119
RCAT Ruthven	124	118	126	113

^aSusceptible Yield Index is: 100% 100%

Susceptible Yield (RR): 3.11 T/ha or 46.2 bu/ac 3.14 T/ha or 46.5 bu/ac

Susceptible Yield (Conv): 3.40 T/ha or 50.4 bu/ac 3.33 T/ha or 49.4 bu/ac

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

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

Test locations had low to moderate SCN infestations (2,000 to >4,000 eggs/100g of soil).

Resistance source is Peking for 92M52, and PI88788 for remaining varieties.

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 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.