

## Variety Description Key

A CHECK CHARACTERISTICS box has been placed at the bottom of each table, to display the long term yield, # of site years, % oil content, maturity and any other check attributes.

Except for long term average yield, variety description information was obtained from the Co-operative Registration Trials.

Resistance to ratings: HS = highly susceptible; S = susceptible; MS = moderately susceptible; MR = moderately resistant; R = resistant; n/a = not available.

Site Years Tested is the cumulative number of locations over the years that a variety has been tested against the check variety. The more site years, the more dependable the data.

☯ Indicates a variety that is protected by Plant Breeders Rights or a variety where protection has been applied for but not yet granted at time of printing.

TKW (Thousand Kernel Weight) is the weight in grams of 1000 seeds.

## Key to 2011 Yield Tables

Yields derived over 2 or more growing seasons are the best indicator of variety performance. For new varieties, 2011 Average Yield over all sites is more reliable than data from a single location. Use single site year data with caution.

CV % = Coefficient of Variation. A measure of random variation in a trial. A low CV is desirable.


LSD = Least Significant Difference. Varieties must differ by the LSD to be considered significantly different from one another.

Sign Diff = Significant Difference. Indicates if a real difference exists between varieties at an individual site.

## Soybean Comments

For specific notes regarding the soybean tables, refer to the SOYBEAN COMMENTS at the top of page 52.

# Oilseed Crops

A waitress named Claire, wearing a light blue polo shirt and a white apron, is leaning over a diner counter. She is looking at a man, presumably a farmer, who is wearing a grey shirt and brown overalls. The background shows a typical diner setting with shelves and other patrons.

**“Clearfield and canola  
were made for each other.  
Kinda like pork  
and beans.”**

 **BASF**  
The Chemical Company

For a waitress, Claire seems to know a lot about farming. Of course she learns all of it listening to the chatter at her diner. And this season, it's all about the **Clearfield**® Production System for Canola. It offers new higher-yielding hybrids, including Nexera™ hybrids. But the big talk is about the unparalleled weed control shown by its new herbicide, ARES\*. All for less than what you're using now. Visit [clearfield.ca/canola](http://clearfield.ca/canola), contact your BASF Retailer, or call **AgSolutions**® Customer Care at 1-877-371-BASF (2273) for more tempting nuggets.

\*ARES herbicide is in the final stages of registration.



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Production System for Canola

**Always read and follow label directions.**

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### Canola Comments

The Variety Descriptions table summarizes the performance of registered canola varieties that will be available for planting in spring 2012. The post-registration Canola Performance Trial (CPT) testing in 2011 was designed to be more reflective of field practices. The appropriate herbicide products have been applied to the matching herbicide tolerant (HT) varieties in small plots, with no check variety assigned.

Performance at individual locations can be compared within the HT group and between groups, but the best performance indicator is to compare varieties over multiple sites. This also includes comparing performance of small plot trials with field scale trial results. The CPT information within Seed Manitoba 2012 and on-line, provides both data sources which have been reviewed through a protocol and data audit process. The data presented can be assured that it was collected and trials conducted in a scientific manner and comparisons are unbiased. With the changes in trial management and data source collection, data from 2011 is not considered comparable to previous trials. Detailed notes on other agronomic attributes of varieties and trials management are at [www.canolaperformancetrials.ca](http://www.canolaperformancetrials.ca)

### Data Sources

Data presentation in the long and mid season canola growing zones trials table (page 49) was collected from small plot, replicated trials, that are typically less than acre in size. Varieties have been entered by the representative marketing company for testing based on market share.

Field scale trials range from 0.5 to 1.5 acres in size and are managed by growers using their typical production practices. The trials are planted, swathed, harvested, and in some cases sprayed by growers using the respective herbicide systems according to established protocols. The performance results presented are those varieties that were also included in the testing under small plot, replicated trials. This data set is found on page 49.

### Blackleg Rating for Canola

The rating represents blackleg tolerance relative to the highly susceptible variety Westar. Varieties with a resistant (R) or moderately resistant (MR) rating for blackleg have shown the greatest ability to suppress blackleg incidence and severity, but can still develop lesions or cankers. Individual field performance and reactions may vary from tolerance levels reported in the registration trials. In fields showing higher than expected levels of blackleg or where there has been history of a tight rotation with canola, it may be necessary to lengthen rotation to achieve sufficient blackleg control.

## ARE FLEA BEETLES A RISK IN YOUR AREA THIS YEAR?

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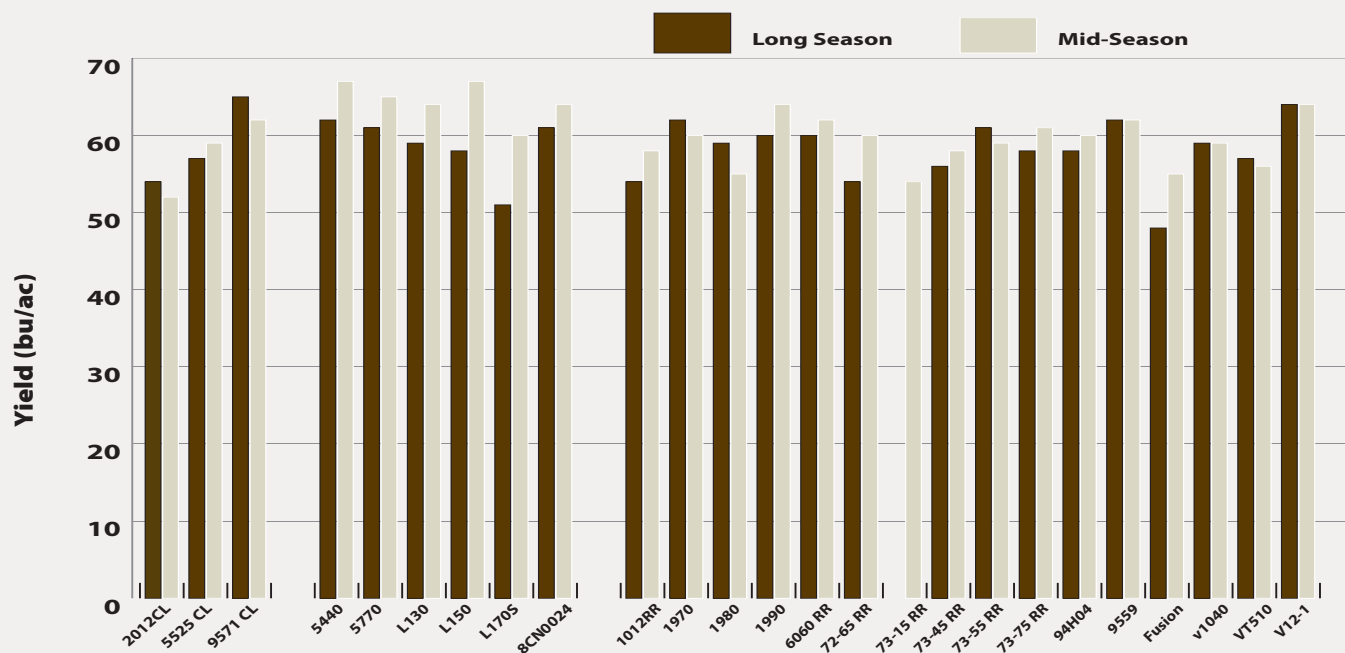
## Variety Descriptions

Variety (B.napus)	Type	Yield by Maturity Zone (bu/acre)		WCC/RRC Registration Data			Distributor
		Long	Mid	Maturity (+/- checks)	Height (cm)	Blackleg Tolerance	
Clearfield							
2012 CL*	Hybrid	54	52	-0.6	0.6	MR	Dow AgroSciences
5525 CL	Hybrid	57	59	1.4	11.3	R	BrettYoung
9571 CL	Hybrid	65	62	2.1	13.4	R	Viterra
Liberty Link							
5440	Hybrid	62	67	-0.2	7.3	R	Bayer CropScience
5770	Hybrid	61	65	2.6	7.5	R	Bayer CropScience
L130	Hybrid	59	64	-0.2	3.9	R	Bayer CropScience
L150	Hybrid	58	67	1.3	8.9	R	Bayer CropScience
L170S†	Hybrid	51	60	1.0	—	R	Bayer CropScience
Varieties that are being tested or proposed for registration							
8CN0024	Hybrid	61	64	-1.1	6.3	R	Bayer CropScience
Roundup Ready							
1012 RR*†	Hybrid	54	58	2.3	—	R	Dow AgroSciences
1970	Hybrid	62	60	1.9	7.1	R	CANTERRA SEEDS
1980	Hybrid	59	55	-1.2	-1.9	R	CANTERRA SEEDS
1990	Hybrid	60	64	0.4	4	R	CANTERRA SEEDS
6060 RR	Hybrid	60	62	2.2	9.9	R	BrettYoung
72-65 RR	Hybrid	54	60	0.6	0.0	R	DEKALB
73-15 RR	Hybrid	—	54	-0.3	-4.5	MR	DEKALB
73-45 RR	Hybrid	56	58	-2.5	-4.8	R	DEKALB
73-55 RR	Hybrid	61	59	-1.2	-1.6	R	DEKALB
73-75 RR	Hybrid	58	61	-0.7	-1.0	R	DEKALB
94H04	Hybrid	58	60	-0.1	7.4	R	FP Genetics
9559	Hybrid	62	62	1.1	7.8	R	Viterra
Fusion	Hybrid	48	55	-1.7	0.4	R	Secan
v1040*	Hybrid	59	59	0.8	3.7	R	Cargill - VICTORY Hybrid Canola
VT510	Hybrid	57	56	0.8	-0.1	R	Viterra
V12-1*	Hybrid	64	64	0.0	2.3	R	Cargill - VICTORY Hybrid Canola

\* Indicates varieties with Specialty oil profiles.

† Indicates varieties with interim registration.

Canola Variety Yield by Maturity Zone



# CANOLA PERFORMANCE TRIAL — Long and Mid Season Zone Plot Location Data

## Yield Comparisons

Variety (B.napus)	2011 Yield (bu/acre)														
	Long Season Zone					Mid Season Zone									
	Boissevain, MB	Portage, MB	Swift Current, SK	Lethbridge, AB	AVERAGE YIELD	Aberdeen, SK	Foam Lake, SK	Melfort, SK	N. Battleford, SK	Scott, SK	Yorkton, SK	Indian Head, SK	Ft. Saskatchewan, AB	Vegreville, AB	AVERAGE YIELD
<b>Clearfield</b>															
2012 CL*	59	47	48	63	54	42	33	62	64	55	51	50	46	48	52
5525 CL	66	44	48	68	57	50	35	61	71	65	57	53	65	63	59
9571 CL	74	65	44	75	65	55	45	62	69	66	61	51	78	68	62
<b>Liberty Link</b>															
5440	69	60	46	72	62	56	50	69	77	67	66	59	71	72	67
5770	71	63	47	64	61	61	46	67	79	67	64	54	64	70	65
L130	71	55	46	65	59	60	46	65	75	65	59	57	70	66	64
L150	61	58	45	68	58	56	52	69	76	71	67	57	69	70	67
L170S†	59	55	40	48	51	40	45	67	70	63	56	48	71	66	60
<b>Varieties that are being tested or proposed for registration</b>															
8CN0024	71	60	46	68	61	58	51	63	73	67	64	52	73	69	64
<b>Roundup Ready</b>															
1012 RR*†	55	56	45	60	54	53	37	66	65	57	55	43	61	66	58
1970	69	70	49	58	62	57	35	62	71	62	59	48	65	67	60
1980	66	52	50	67	59	51	33	56	69	57	48	53	64	54	55
1990	62	63	49	64	60	59	33	64	72	67	61	55	83	69	64
6060 RR	69	61	47	61	60	54	39	68	67	65	61	55	74	66	62
72-65 RR	58	49	50	58	54	57	35	61	73	60	52	57	67	67	60
73-15 RR						51	35	56	68	57	47	55	51	55	54
73-45 RR	61	51	53	60	56	50	40	56	65	59	52	56	78	59	58
73-55 RR	63	64	51	67	61	52	38	60	66	59	53	58	73	60	59
73-75 RR	55	61	50	65	58	49	42	60	73	60	55	59	76	63	61
94H04	63	57	46	67	58	51	31	65	72	61	53	55	76	62	60
9559	68	59	51	70	62	60	41	65	69	63	58	52	74	71	62
Fusion	55	36	45	54	48	51	33	57	66	57	50	52	61	56	55
v1040	59	59	49	67	59	53	36	62	66	58	53	53	79	66	59
VT510	65	63	42	59	57	51	34	59	65	55	54	49	64	58	56
V12-1*	68	71	47	68	64	60	42	66	72	63	60	57	77	66	64

\* Indicates varieties with Specialty oil profiles.

† Indicates varieties with interim registration.

# CANOLA PERFORMANCE TRIAL — Field Scale Trial Location Data

## Yield Comparisons

Location	2011 Yield (bu/acre)										
	Variety										
	2012 CL	5440	L130	L150	1012 RR	1970	1990	72-65 RR	73-45 RR	73-75 RR	73-15 RR
Baldur	—	—	—	—	—	—	—	—	33	36	—
Brandon	—	—	—	—	—	—	—	—	44	48	—
Carberry	—	—	—	43	—	—	—	—	41	44	—
Elgin	—	—	—	—	—	—	—	—	42	40	—
Howden	—	—	—	—	—	—	—	—	17	18	—
Selkirk	—	—	—	—	—	—	—	—	34	38	—
Somerset	—	—	—	—	—	—	—	—	53	51	—
Stonewall	—	—	—	—	—	42	43	—	—	—	—
Swan River	—	—	—	60	—	—	—	—	—	—	56
Swan River	—	—	—	—	46	38	48	—	—	—	—
Brandon	29	—	—	—	27	—	—	26	—	—	—
Dauphin	—	—	—	—	36	—	—	32	—	—	—
Foxwarren	—	—	—	—	43	—	—	41	—	—	—
Headingley	51	—	—	—	49	—	—	48	—	—	—
Swan River	—	—	—	—	45	—	—	34	—	—	—
Thornhill	21	—	—	—	26	—	—	24	—	—	—
Harte	—	37	39	41	—	—	—	—	40	39	—
Oakbluff	—	37	38	39	—	—	—	—	39	—	—
Stonewall	—	36	36	35	—	—	—	—	42	—	—
Swan River	—	39	38	43	—	—	—	—	—	—	—

# FLAX

## Comments:

Flax was last tested in 2010.

All variety descriptions other than yield are based on data from the Flax Cooperative Trials in the Prairie Provinces.

**AC Emerson** demonstrates the greatest tolerance to flax chlorosis.

All varieties are immune to rust.

The Canadian Food Inspection Agency has provided notification in their Proposed List of Variety Registration Cancellations the oilseed flax varieties **CDC Mons** and **CDC Normandy** will be cancelled (deregistered) effective August 1, 2013.

## Variety Descriptions

Variety	Yield % Check	Site Years Tested	Days to Maturity +/- Check	Height +/- Check	Seed Size TKW	Oil Content	Oil Quality <sup>1</sup> :		Resistance Level:		
							Iodine Number	ALA Content	Lodging <sup>2</sup>	Fusarium Wilt	Powdery Mildew
AC Carnduff☼	91	27	0	-1	5.6	44.7	192.3	57.0	G	MR	MR
AC Emerson	92	53	-2	-1	6.4	43.8	196.1	59.3	F	R	R
AC Watson☼	89	21	-2	-2	6.2	44.4	192.7	57.1	G	MR	R
CDC Arras	92	36	0	-2	6.1	45.2	189.2	54.4	PF	MR	MS
CDC Bethune☼	100	121	0	0	5.8	45.6	188.6	54.7	VG	MR	MR
CDC Sanctuary	101	10	3	1	5.8	45.6	190.7	57.2	FG	MR	MR
CDC Sorrel☼	101	45	1	1	6.4	45.1	192.7	57.8	FG	MR	MR
CDC Valour☼	73	17	-3	-2	6.0	43.7	189.7	56.2	PF	MR	S
Flanders	91	14	1	-2	5.3	45.4	191.9	57.2	FG	MR	MR
Hanley☼	95	70	-2	-2	5.7	44.7	197.7	58.6	VG	R	MR
Lightning☼	99	43	1	-2	6.0	47.6	192.5	56.1	G	MR	R
Macbeth☼	100	31	0	-1	6.2	47.7	193.1	56.7	G	R	MR
NorLin	91	76	0	-1	5.7	43.5	189.7	56.7	G	MR	MS
Prairie Blue☼	98	66	1	-1	5.2	46.3	192.2	57.3	VG	MR	MR
Prairie Grande☼	94	36	-2	-4	5.8	45.6	192.9	57.5	VG	MR	MR
Prairie Sapphire ☼	101	18	2	-1	5.8	48.1	193.1	57.2	FG	MR	MR
Prairie Thunder☼	96	45	0	-3	5.9	45.3	194.7	57.9	VG	R	MR
Taurus☼	98	45	0	-1	5.6	45.6	187.0	53.9	E	MR	R
Vimy	95	5	1	0	6.1	45.0	191.9	57.6	P	MR	MS
<b>CHECK CHARACTERISTICS</b>											
CDC Bethune	34	121	102	27							
	bu/acre	site years	days	inches							

<sup>1</sup> Oil quality of flax is based on the amount of linolenic acid measured in the seed or as measured by iodine value which is calculated from the fatty acid composition of the seed. A higher iodine value and/or higher ALA content indicates a higher overall oil quality in the seed.

<sup>2</sup> E = Excellent; VG = Very Good; G = Good; FG = Fair to Good; F = Fair; PF = Poor to Fair; P = Poor.

## 2011/2012 FARM FLAX SAMPLE TESTING

To ensure continued export market access for Canadian flax an Industry Stewardship Program has been introduced.

- Plant only seed that has been tested and is verified CDC Triffid-free. Any seed testing positive for CDC-Triffid must not be cleaned or planted.
- Keep the certificate of laboratory analysis that verifies the planted seed tested negative.
- As of September 1, 2010, any flax entering the commercial grain handling system will be subjected to rigorous testing for the presence of CDC Triffid before accepted for delivery. Some flax buyers will only accept results from certain labs. Please check with your grain buyer and the Flax Council of Canada ([www.flaxcouncil.com](http://www.flaxcouncil.com)) for more details.

Labs approved to test flax samples for the presence of CDC Triffid (alphabetical order)

### 20/20 Seed Labs Inc.

Suite 201, 509 - 11th Avenue  
Nisku AB T9E 7N5  
Telephone: 877-420-2099  
Facsimile: 780-955-3428 [www.2020seedlabs.ca](http://www.2020seedlabs.ca)  
Email: [barry@2020seedlabs.ca](mailto:barry@2020seedlabs.ca)

### BioVision Seed Labs

7225 B Roper Road  
Edmonton AB T6B 3J4  
Telephone: 800-952-5407  
Facsimile: 780-437-6875 [www.biovision.ca](http://www.biovision.ca)  
Email: [trevorm@biovision.ca](mailto:trevorm@biovision.ca)

### Discovery Seed Labs Ltd

450 Melville St.  
Saskatoon SK S7J 4M2  
Telephone: 306-249-4484  
Facsimile: 306-249-4434 Email: [info@seedtesting.com](mailto:info@seedtesting.com)  
Attn: Bruce Carriere, Sandy Juneke

### DNA LandMarks Inc.

84 Richelieu Street  
St.-Jean-sur-Richelieu QC J3B 6X3  
Telephone: 450-358-2621  
Facsimile: 514-827-7870  
[www.dnalandmarks.ca](http://www.dnalandmarks.ca)  
Email: [PickC@dnalandmarks.ca](mailto:PickC@dnalandmarks.ca)

### Eurofins GeneScan Inc.

2315 N Causeway Boulevard,  
Suite 200 Metairie, LA 70001 USA  
Telephone: 504-297-4330  
Facsimile: 504-297-4335 [www.gmotesting.com](http://www.gmotesting.com)  
Email: [michaelcole@eurofinsus.com](mailto:michaelcole@eurofinsus.com)

### Genserve Laboratories

125 15 Innovation Boulevard  
Saskatoon SK S7N 2X8  
Telephone: 866-420-2293  
Facsimile: 306-933-5505 [www.src.sk.ca](http://www.src.sk.ca)  
Email: [genserve@src.sk.ca](mailto:genserve@src.sk.ca)

### Quantum Biosciences Inc.

8 410 Downey Road  
Saskatoon SK S7N 4N1  
Telephone: 306-956-2082  
Facsimile: 306-956-2066  
Email: [l.marquess@quantumgenetics.ca](mailto:l.marquess@quantumgenetics.ca)

### SGS Winnipeg

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Winnipeg MB R3C 0A1  
Telephone: 888-942-7644  
[www.seedservices.sgs.com](http://www.seedservices.sgs.com)

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# SOYBEANS

## NOTES FOR ALL SOYBEAN TABLES

### Maturity Notes: Always Use More Than 1 Criteria to Evaluate Maturity.

- 1 Soybean varieties have been organized into 3 maturity zones - short, mid and long season areas. Although there are no variety restrictions, the short season grouping is meant to be a starting point for new growers in the outer production areas. The long season group is targeted for the southern Manitoba generally south of Highway 23, with the mid season grouping making up the bulk of the production area in between the short and long season area.
- 2 Company Crop Heat Unit ratings are assigned to assist growers select varieties suitable for their area. Unfortunately Company Heat Unit ratings do not always reflect the actual maturity in Manitoba. Growers should never rely on just 1 criteria for judging maturity. Experimental lines are not assigned a HU rating until they become registered.
- 3 Relative days to maturity (dtm) is the number of days from seeding to plant maturity (95% of the pods on the plant are mature with seeds rattling in the pods when plant is shaken) and is expressed as + or - days from the check. The upcoming 2012 growing season will see many new varieties with the advent of Genuity Roundup Ready 2 yield soybeans. Growers need to be cautious when using only one year data when evaluating maturity and yield. Using multiple year maturity data when available will give you a better indication on how a variety will mature with different growing seasons. Actual days to maturity for the check is found in the grey Check Box at the bottom of the table.

### General Notes:

- 1 Roundup Ready and Conventional soybean varieties are evaluated separately, meaning direct comparison of varieties between different tables is not possible. All trials are solid seeded at 210,000 plants/acre.
- 2 Hilum colour can range from Yellow (Y), ImperfectYellow (IY), Grey (G), Brown (BR), Buff (BF) or Black (BL) and is solely a marketing issue. The hilum is the point on the soybean seed where it attaches to the pod.
- 3 Relative Seeds/lb, these were the seed numbers of the varieties entered into the trial. Soybean seed size can vary greatly between varieties and even from seed lot to seed lot of the same variety. Growers should use the seed size for their seed lot when calculating seeding rates.
- 4 Lodging is rated at harvest; 1=standing upright, 5= flat along the ground. A rating of 3 or more can promote white mold within the crop canopy.
- 5 Iron Deficiency Chlorosis (IDC) rating scores 1=green leaves, 2=yellowish leaves, 3=green veins with yellow leaves, 4=brown dead tissue between green veins, 5=severe chlorosis and a stunted growing point. Ratings were taken from 1 site prone to iron chlorosis over the last 2 years. IDC tolerant varieties are varieties with lower IDC Scores and perform better on soils prone to iron deficiency.
- 6 Iron Deficiency Chlorosis (IDC) grouping is used because varieties will have different visual rating scores from year to year. Numerical ratings which are close but are in different groupings will show similar symptoms. Both numerical and groupings should be considered together when judging IDC. Tolerant=leaves stayed green, Semi Tolerant=leaves when yellow then turned green, Susceptible= leaves went chlorotic and had dead patches on their leaves and were often stunted.
- 7 Soybeans are not eligible for MASC Production Insurance in all parts of the province - consult your local agent for more details.

## WESTERN MANITOBA SOYBEAN ADAPTATION TRIAL

### Comments:

The Adaptation Soybean variety trial was tested and the data donated by Manitoba Pulse Growers Association.

Soybeans do not qualify for MASC Production Insurance at Roblin or Hamiota.

### Variety Descriptions

Variety	Company Heat Units	Relative Days <sup>1</sup> to Maturity +/- Check	Yield % Check	Site Years Tested	2011 Yield: % of NSC Warren RR				
					Boissevain	Carberry	Hamiota	Melita	Roblin
23-10RY	2325	-1	103	5	114	115	107	97	96
Pekko R2	2325	3	104	5	110	117	115	114	84
NSC Warren RR	2350	0	100	22	100	100	100	100	100
29002	2375	-1	93	21	84	90	99	98	94
24-10RY	2425	1	101	5	103	94	102	119	89
TH 32004R2Y	2425	2	113	5	122	113	108	131	99
900Y61	2425	4	101	5	111	101	110	101	94
LS0036RR	2425	1	98	22	104	103	100	113	99
LS004R21	2425	4	106	5	122	98	113	123	89
900Y71	2450	1	99	11	110	93	101	106	94
HS 006RYS24	2450	3	106	5	129	98	116	107	93
Sampsa R2	2575	2	104	5	118	113	100	116	89
<b>CHECK CHARACTERISTICS</b>					<b>NSC Warren RR (bu/acre)</b>				
		120	47	34	CV %	7.7	12.7	8.0	5.3
		days to maturity	bu/ acre	site years	LSD %	13	22	14	13
					Sign Diff	Yes	Yes	Yes	Yes

<sup>1</sup> Maturity ratings average across from Boissevain and Roblin sites.

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Here's what's on ours...

Dear NorthStar Genetics Manitoba,  
The RR2Y soybeans are just better-  
period. The yields are higher, as the  
industry (and you guys) expected.  
But what is really impressive, is the  
plant vigor and the ability to handle  
stressful conditions.

-Roger Weinlaeder.

The main reason Oak Bluff Colony grows NorthStar  
Genetics beans is because of the strong relationship  
with the NorthStar Genetics dealer. I trust his  
advice 100%. Sometimes I phone him everyday for  
advice on varieties, planting equipment, and soils...any  
information like that.

-Sam Waldner

Wow! 143 pods off of  
one RR2Y soybean plant!



for more information  
call your local dealer  
or visit  
[www.weknowbeans.com](http://www.weknowbeans.com)



# NATTO SOYBEANS

## Comments:

The Natto Soybean variety trial was tested and the data donated by Manitoba Pulse Growers Association.

**OAC Prudence is not a natto type soybean**; it is used as a check to determine the yield potential of natto type soybeans compared to conventional soybeans.

## Variety Descriptions

													2011 Yield: % of OAC Prudence							
Manitoba Variety Grouping	Company Heat	Variety	Relative Days to Maturity +/- Check					Yield %	Site Years Tested	Lodging <sup>1</sup>	Seeds/lbs	IDC Rating (1-5)	Arborg	Stonewall	Carman	Portage	St. Adolphe	Morris	Rosebank	Morden
			Average	2011	2010	2009	2008													
Short Season	2375	QGC 12N	-8	-7	-9	-8	-9	78	42	2.8	5200	2	68	72	86	45	69	78	—	—
Mid Season	2475	OAC Prudence	0	0	0	0	0	100	38	2.3	2300	2	100	100	100	100	100	100	100	100
		Experimental lines that have been supported for registration in Canada																		
		Colibri	0	3	—	—	—	83	16	1.2	7350	—	—	—	98	51	90	74	59	78
		OT 08-05	0	1	3	-3	—	87	6	1.9	4300	—	—	—	125	78	105	91	87	95
CHECK CHARACTERISTICS								OAC Prudence (bu/acre)					25	34	47	44	31	40	40	53
OAC Prudence			124	106	125	125	122	51	38	CV %			7.6	11.0	7.3	11.2	7.0	5.6	7.3	4.3
			days to maturity					bu/acre		LSD%			12	20	13	16	12	8	12	8
								years		Sign Diff			Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

<sup>1</sup> Lodging and maturity ratings (1-5) were averaged across Morris and St. Adolphe sites.



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# CONVENTIONAL SOYBEANS

## Comments:

The Conventional Soybean variety trial was tested and the data donated by Manitoba Pulse Growers Association.

## Variety Descriptions

Manitoba Variety Zones	Company Heat Unit	Variety	Relative Days to Maturity + / - Check				Yield % Check	Site Years Tested	Hilum Colour	Relative Seeds/lb	Lodging <sup>1</sup> (1-5)
			Average	2011	2010	2009					
Short Season	2350	Tundra	-4	-4	—	—	91	29	CL	2500	1.0
	2450	OAC Prudence	0	0	0	0	100	78	Y	1851	1.0
Mid Season Zone	Experimental lines are being tested/proposed for registration in Canada										
		CFS09.3.03	2	2	—	—	91	6	GR	2802	1.0
		OAC 07-03C	4	4	4	3	103	17	IY	2349	1.0
		OAC 09-01C	4	4	—	—	88	5	IY	2373	1.3
		OT09-03	3	3	3	—	103	12	Y	2536	1.2
		Secan 07-01C	3	4	4	2	99	17	IY	2235	1.1
		SeCan 11-05C	2	2	—	—	100	6	IY	1960	1.0
Long Season Zone	Experimental lines are being tested/proposed for registration in Canada										
		CFS10.3.02	7	7	—	—	114	6	BR	2785	1.0
		DH863	5	5	—	—	92	6	IY	2045	1.0
		Secan 08-01C	7	8	5	6	104	17	IY	2094	1.1
		SeCan 11-06C	5	5	—	—	104	6	LBR	2036	1.5
		SeCan 11-10C	7	7	—	—	99	6	LBR	2426	1.0
		SeCan 11-11C	5	5	—	—	94	6	BR	2349	1.0
<b>CHECK CHARACTERISTICS</b>											
OAC Prudence			119	106	125	125	49	78	Y	1851	1.0
			days to maturity				bu/acre	site years		seeds/lb	

1 Lodging and Maturity rating averaged across St. Adolphe and Morris 2011 sites.

## Yield Comparisons

Manitoba Variety Zones	Variety	2011 Average Yield	Site Years Tested	2011 Yield: % of OAC Prudence							
				Arborg	Stonewall	Carman	Portage	St. Adolphe	Morris	Rosebank	Morden
Short Season	Tundra	84	6	90	73	88	78	86	93	—	—
	OAC Prudence	100	8	100	100	100	100	100	100	100	100
Mid Season Zone	Experimental lines are being tested/proposed for registration in Canada										
	CFS09.3.03	91	6	86	85	113	82	93	84	—	—
	OAC 07-03C	99	6	104	83	106	95	122	88	—	—
	OAC 09-01C	100	6	105	80	117	89	111	98	—	—
	OT09-03	103	6	—	—	105	96	109	100	98	108
	Secan 07-01C	97	6	104	75	121	79	118	89	—	—
	SeCan 11-05C	100	6	102	109	112	87	96	94	—	—
Long Season Zone	Experimental lines are being tested/proposed for registration in Canada										
	CFS10.3.02	114	6	113	98	133	108	129	101	—	—
	DH863	92	6	99	90	108	81	96	79	—	—
	Secan 08-01C	95	6	103	76	105	80	118	91	—	—
	SeCan 11-06C	104	6	85	110	118	100	109	96	—	—
	SeCan 11-10C	99	6	94	82	122	87	107	98	—	—
	SeCan 11-11C	94	6	89	71	110	84	116	91	—	—
<b>CHECK YIELD</b>		<b>OAC Prudence (bu/acre)</b>		44	40	31	47	40	53	25	34
		CV %		11.2	5.6	7.0	7.3	7.3	4.3	7.6	11.0
		LSD %		16	8	12	13	12	8	12	20
		Sign Diff		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

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# ROUNDUP READY SOYBEANS

## New for 2012

Variety	Previous Code	Distributor	Seed Availability
24-10RY	24-10RY	Monsanto Canada Inc.	2012
25-10RY	25-10RY	Monsanto Canada Inc.	2012
900Y61	PH10001	Pioneer Hi-Bred Ltd.	2012
900Y81	PH10002	Pioneer Hi-Bred Ltd.	2012
Chadburn R2	SC 2475	SeCan	2012
HS 006RYS24	EXP006RY24	Hyland Seeds	2012
LS006R21	LS006R21	Delmar Commodities	2012
LS008R21	LS008R21	Delmar Commodities	2012
NSC Balmoral RR2Y	NSMR2-EXP 30	Northstar Genetics Manitoba	2012
S01-K8	LS006R21	Univar Canada Ltd.	2012

## Comments:

The Roundup Ready variety trial was tested and the data donated by Manitoba Pulse Growers Association.

## Variety Descriptions

Manitoba Variety Zones	Company Heat Unit	Variety	Type	Relative Days to Maturity + / - Check				Yield % Check	Site Years Tested	Hilum Colour	Relative Seeds/lb	Lodging <sup>1</sup> (1-5)	IDC	
				Average	2011	2010	2009						Rating (1-5)	Grouping
Short Season Zone	2375	29002RR	RR1	-5	-6	-7	-3	85	21	Y	3300	1.0	2.6	Susceptible
	2450	S00-W3	RR1	-4	-4	-6	-1	96	21	GR	3200	1.0	2.0	Semi Tolerant
	2450	900Y71	RR1	-2	0	-4	-2	102	15	IY	2700	1.0	1.8	Semi Tolerant
	Experimental lines that have been supported for registration in Canada													
		23-10RY	RR2	-3	-3	—	—	102	6	BL	2325	1.0	2.0	Semi Tolerant
		Pekko R2	RR2	-3	-3	—	—	100	5	BL	2768	1.1	1.5	Tolerant
		Sampsa R2	RR2	-1	-1	—	—	109	5	IB	2480	1.1	1.8	Semi Tolerant
		LS004R21	RR2	-1	-1	—	—	103	6	BL	2488	1.2	1.1	Tolerant
		NSC Anola RR2Y	RR2	-2	-2	—	—	104	5	BL	3170	1.4	1.4	Tolerant
		NSC Libau RR2Y	RR2	-1	-1	—	—	98	6	BL	2980	1.0	1.6	Tolerant
		PR1182713R2	RR2	-1	-1	—	—	98	5	GR	2597	1.2	1.3	Tolerant
		TH 33003R2Y	RR2	-1	-1	—	—	112	5	BR	2600	1.4	1.7	Tolerant
		Bishop	RR2	-2	-2	—	—	100	6	BL	2536	1.2	2.6	Susceptible
		TH 32004R2Y	RR2	-1	-1	—	—	112	6	BL	3200	1.2	1.4	Tolerant
Mid Season Zone	2425	24-10RY	RR2	-1	-1	—	—	105	8	IB	2398	1.1	1.5	Tolerant
	2425	LS0036RR	RR1	-1	0	-2	-1	97	32	BL	3800	1.0	1.5	Tolerant
	2450	25-04R	RR1	-1	-2	-1	0	100	36	BR	2625	1.2	1.8	Semi Tolerant
	2450	27005RR	RR1	-1	1	-2	-1	96	6	BR	3500	1.1	1.7	Tolerant
	2450	HS 006RYS24	RR2	0	0	—	—	106	5	BL	2800	1.1	2.0	Tolerant
	2475	Chadburn R2	RR2	0	0	—	—	102	5	BL	2428	1.0	1.4	Tolerant
	2500	NSC PORTAGE	RR1	0	0	0	0	100	45	BR	4092	1.3	1.8	Semi Tolerant
	2450	NSC Balmoral RR2Y	RR2	0	0	—	—	109	5	BL	2279	1.3	1.4	Tolerant
	2425	900Y61	RR1	0	0	—	—	101	11	Br	2900	1.3	—	—
	Experimental lines that have been supported for registration in Canada													
		LS003R22	RR2	0	0	—	—	106	6	BL	3000	1.2	1.9	Semi Tolerant
		NSC Elie RR2Y	RR2	0	0	—	—	109	5	BL	2600	1.2	1.2	Tolerant
		NSC Richer RR2Y	RR2	0	0	—	—	114	5	BL	2830	1.1	1.7	Semi Tolerant
		NSMR2-EXP G2	RR2	0	0	—	—	97	5	IY	2510	1.0	1.7	Semi Tolerant
		NSMR2-EXP G4	RR2	2	2	—	—	98	5	GR	2510	1.3	2.4	Susceptible
		PS 0083 R2	RR2	1	1	—	—	102	5	BL	2950	1.1	2.5	Susceptible
		TH 33007R2Y	RR2	2	2	—	—	109	6	Br	2609	1.3	2.3	Semi Tolerant
		TH 33006R2Y	RR2	2	2	—	—	99	5	IY	2855	1.8	2.7	Susceptible
		Beurling R2	RR2	1	1	—	—	102	6	BL	2389	1.5	2.1	Semi Tolerant

Manitoba Variety Zones	Company Heat Unit	Variety	Type	Relative Days to Maturity + / - Check				Yield % Check	Site Years Tested	Hilum Colour	Relative Seeds/lb	Lodging <sup>1</sup> (1-5)	IDC	
				Average	2011 2010 2009								Rating (1-5)	Grouping
Season Long Zone	2475	LS0065RR	RR1	1	1	1	1	101	28	BL	3400	1.2	1.7	Tolerant
	2500	25-10RY	RR2	2	2	—	—	110	12	BL	2300	1.2	1.7	Semi Tolerant
	2500	90M01	RR1	4	3	3	6	97	31	Y	2450	1.3	1.7	Tolerant
	2500	NSC OSBORNE RR2Y	RR2	2	3	2	—	112	8	BL	2830	1.0	2.0	Semi Tolerant
	2525	LS008R21	RR2	3	3	—	—	116	7	BL	2800	1.2	2.0	Semi Tolerant
	2575	S01-K8	RR2	5	5	—	—	98	5	GR	2575	1.0	2.6	Susceptible
	2600	LAKA R2	RR2	5	5	—	—	109	5	BL	2364	1.1	1.3	Tolerant
	2650	LS006R21	RR2	2	2	—	—	104	8	BL	2650	1.1	2.0	Semi Tolerant
	2475	900Y81	RR1	3	3	—	—	101	11	IY	2150	1.0	—	—
	Experimental lines that have been supported for registration in Canada													
		TH Astro R2	RR2	3	3	—	—	118	5	—	2800	1.1	1.7	Semi Tolerant
		NSMR2-EXP G8A	RR2	4	4	—	—	109	5	BL	2800	1.3	2.7	Susceptible
		PR11109A3R2	RR2	4	4	—	—	119	5	BL	2732	1.0	2.2	Semi Tolerant
	PR1176020R2	RR2	3	3	—	—	104	5	BL	2597	1.0	2.1	Semi Tolerant	
	PSX 11R2001M	RR2	3	3	—	—	111	5	BL	2360	1.1	1.6	Semi Tolerant	
	Currie R2	RR2	3	3	—	—	111	6	BL	2850	1.1	1.2	Tolerant	
CHECK CHARACTERISTICS				120	110	127	122	51	45					
NSC Portage RR				days to maturity				bu/acre		site years				

<sup>1</sup> Lodging ratings are averaged across Morris and St. Adophe.

<sup>2</sup> varieties did not fully mature at 1 or more sites

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# ROUNDUP READY SOYBEANS (continued)

## Yield Comparisons

Manitoba Variety Zone	Variety	2011 Average Yield	Site Years Tested	2011 Yield: % of NSC Portage RR							
				Arborg	Beausejour	Carman	Morris	St. Adolphe	Rosebank	Morden	Stonewall
Short Season Zone	29002RR	77	5	34	—	91	98	75	—	—	79
	S00-W3	92	5	74	—	100	97	96	—	—	91
	900Y71	100	5	90	100	101	99	104	—	—	104
	Experimental lines that have been supported for registration in Canada										
	23-10RY	102	6	84	104	108	108	101	—	—	102
	Pekko R2	100	5	88	—	99	107	107	—	—	99
	Samps R2	109	5	—	—	111	113	112	110	101	—
	LS004R21	102	6	83	113	112	109	103	—	—	100
	NSC Anola RR2Y	104	5	94	—	109	107	105	—	—	101
	NSC Libau RR2Y	98	6	84	102	111	95	104	—	—	90
	PR1182713R2	98	5	80	—	108	103	102	—	—	93
	TH 33003R2Y	112	5	—	—	123	98	101	108	123	—
	Bishop	100	5	85	—	107	104	100	—	—	99
	TH 32004R2Y	111	6	—	118	107	122	107	108	114	—
Mid Season Zone	25-04R	100	8	80	104	112	91	103	98	110	98
	24-10RY	105	8	83	93	113	117	100	100	115	103
	Chadburn R2	102	5	89	—	113	103	98	—	—	105
	LS0036RR	97	6	90	80	108	102	97	—	—	84
	27005RR	104	4	—	95	102	95	—	107	112	—
	HS 006RYS24	106	5	92	—	115	114	110	—	—	96
	NSC PORTAGE RR	100	8	100	100	100	100	100	100	100	100
	900Y61	96	6	89	90	105	97	93	—	—	92
	NSC Balmoral RR2Y	109	5	103	—	113	111	113	—	—	104
	Experimental lines that have been supported for registration in Canada										
	LS003R22	104	6	77	128	110	110	112	—	—	104
	NSC Elie RR2Y	109	5	100	—	112	114	111	—	—	105
	NSC Richer RR2Y	114	5	97	—	123	113	121	—	—	110
	NSMR2-EXP G2	97	5	76	—	104	108	102	—	—	92
	NSMR2-EXP G4	98	5	83	—	109	95	110	—	—	90
Long Season Zone	PS 0083 R2	102	5	89	—	106	106	97	—	—	106
	TH 33007R2Y	109	6	—	111	113	102	113	105	111	—
	TH 33006R2Y	99	6	—	103	103	103	98	91	98	—
	Beurling R2	101	6	84	109	105	105	106	—	—	101
	LS0065RR	109	5	—	—	110	105	108	111	112	—
	LS006R21	103	8	85	112	115	113	108	95	103	96
	90M01	100	5	—	93	106	104	98	94	95	—
	25-10RY	112	5	—	—	116	99	108	108	125	—
	LS008R21	110	5	—	—	108	97	106	112	122	—
	S01-K8	98	5	—	—	96	101	109	93	92	—
	Laka R2	109	5	—	—	104	98	118	105	121	—
	NSC OSBORNE RR2Y	111	8	100	116	110	107	113	111	121	116
	900Y81	96	6	77	101	105	112	92	—	—	87
	Experimental lines that have been supported for registration in Canada										
	TH Astra R2	118	5	—	—	117	110	119	102	136	—
	NSMR2-EXP G8A	109	5	104	—	111	106	119	—	—	105
CHECK YIELD	PR11109A3R2	119	5	—	—	123	118	126	98	129	—
	PR1176020R2	104	5	—	—	108	93	112	102	102	—
	PSX 11R2001M	111	5	—	—	122	105	109	102	115	—
	Currie R2	111	6	99	115	115	116	107	—	—	113
	NSC Portage RR (bu/acre)			51	21	37	34	40	48	35	34
				CV%	6.1	6.4	6.5	6.4	7.1	6.3	9.2
				LSD%	11	11	11	11	12	12	13
				Sign Diff	Yes	Yes	Yes	Yes	Yes	Yes	Yes

## Comments:

These varieties were tested and data donated by the National Sunflower Association of Canada Inc.

All sunflower varieties currently available are susceptible to sclerotinia rot. Weather conditions and presence of sclerotinia inoculum play a major role in disease development and severity.

## Variety Descriptions

Company	Variety	Herb Type	DMR	Yield (lb/acre)			% Nutmeat <sup>1</sup>	Days to Maturity <sup>2</sup>	Height (inches) <sup>2</sup>	Disease Resistance to:		
				2011		2010				Verticillium		Downy <sup>4</sup>
				Minto	Morden	Summary				Rust <sup>3</sup>	Wilt	Mildew
Seeds 2000	6946	—	N	1976	3150	2486	58	120	67	HS	MR	S
Seeds 2000	6946 DMR	—	Y	2063	3358	2639	56	119	68	S	MR	R
Seeds 2000	6950	—	N	2080	3270	2981	54	121	70	HS	MR	S
SYNGENTA Seed	IS 8135	—	N	2109	3326	—	45	119	70	HS	MS	S
Seeds 2000	Jaguar	CL	N	1961	2951	2659	48	118	67	HS	MR	S
Seeds 2000	Panther DMR	—	Y	2116	2939	3011	48	120	68	S	MS	R
Dow AgroSciences	8C451	—	N	—	4085	—	48	124	72	HS	MS	S
<b>Varieties that are being tested or proposed for registration</b>												
SYNGENTA Seed	F39018	—	N	1821	2638	—	52	123	72	HS	MR	S
CHS Sunflower	RH400 CL	CL	N	2309	3386	2343	44	118	71	HS	MS	S
Seeds 2000	Sundance DMR	—	Y	2149	3313	—	48	120	72	HS	MR	MR
Seeds 2000	X3213 DMR	—	Y	—	3233	—	51	122	73	HS	MS	R
Seeds 2000	X5913 DMR	—	Y	—	3648	—	52	118	71	HS	MS	R
Seeds 2000	X9180 EX DMR	ExSun	Y	—	3454	—	52	121	73	HS	MS	MR
Grand Mean (lbs/ac)				1991	3278	2544						
CV%				11.6	11.8							
LSD (lbs/ac)				394	—							
Sign Diff				Yes	No							
Site Years				1	1	4						

1 % Nutmeat measurement taken from samples harvested at Morden location trials. One year, one location only data.

2 Average height and maturity derived from data collected in the MCVET Sunflower trials in 2009-2011 and the MSC trials. Data from all sites accepted for yield.

3 Reaction indicated is to Races 2, 3, and 4 under controlled indoor conditions.

4 Reaction indicated is to Race 2.

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# SUNFLOWERS - OIL TYPE

## Comments:

These varieties were tested and data donated by the National Sunflower Association of Canada Inc.

All sunflower varieties currently available are susceptible to sclerotinia rot. Weather conditions and presence of sclerotinia inoculum play a major role in disease development and severity.

## Variety Descriptions

Company	Variety	Oil Type	Herb Type	DMR	Yield (bu/acre)			Days to Maturity <sup>1</sup>	Height (inches) <sup>1</sup>	Resistance to:		
					2011 Minto	2010 Morden	Summary			Verticillium Rust <sup>2</sup>	Downey Wilt	Mildew <sup>3</sup>
SYNGENTA Seed	IS 3480 CL	NS	CL	Y	2478	2257	1973	126	67	HS	MR	R
Pioneer Hi-Bred	63M80	NS	—	Y	—	—	2609	127	66	S	MR	R
Pioneer Hi-Bred	63N82	NS	ExSun	N	—	2139	2171	130	68	HS	MR	S
Seeds 2000	Defender Plus DMR	NS	—	Y	2569	2144	2611	123	62	HS	MR	R
SYNGENTA Seed	IS 29-30 NS/DM	NS	—	Y	—	—	2454	123	69	HS	MR	R
SYNGENTA Seed	IS 3433 NS/DM	NS	—	Y	—	—	2305	127	64	HS	MR	MR
<b>Varieties that are being tested or proposed for registration</b>												
Elite Seeds	Balistic	Trad	CL	Y	2655	2076	—	127	72	HS	MR	R
Elite Seeds	Biba	Trad	—	Y	2766	2018	—	127	69	HS	MR	MR
Seeds 2000	Cobalt	HO	CL	Y	2786	2300	—	125	60	HS	MR	R
Elite Seeds	Ethic	Trad	—	N	2190	2116	—	127	76	HS	MR	S
Seeds 2000	Falcon	NS	ExSun	N	2369	2175	—	128	63	HS	MR	S
Pioneer HiBred	P63ME70	NS	ExSun	Y	2550	3099	—	127	67	HS	MR	MR
Pioneer HiBred	P63ME80	NS	ExSun	Y	1895	2246	—	126	68	R	MR	R
Elite Seeds	Pomar	Trad	—	Y	2703	2084	—	129	72	HS	MR	MR
Grand Mean (lbs/ac)					2387	2241	2334					
CV%					14.5	9.6						
LSD (lbs/ac)					606	312						
Sign Diff					Yes	Yes						
Site Years					1	1	3					

1 Average height and maturity derived from data collected in the MCVET Sunflower trials in 2009-2011 and the MSC trials. Data from all sites accepted for yield.

2 Reaction indicated is to Races 2, 3, and 4 under controlled indoor conditions.

3 Reaction indicated is to Race 2.

MANITOBA

**Beausejour**  
Carl Bangert  
204-268-4294

**Carman**  
Bud McKnight  
Seeds Ltd.  
204-745-2310

**Deloraine**  
Paterson Grain  
204-745-2333

**Elie**  
Munro Farm Supplies  
204-353-1250

**Gunton**  
Paterson Grain  
204-886-3401

**Holland**  
Paterson Grain  
204-526-2240

**Killarney**  
Paterson Grain  
204-523-8936

**Letellier**  
Allan Calder  
204-737-2605

**MacGregor**  
Munro Farm Supplies  
204-685-5685

**Melita**  
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204-522-3472

**Morden**  
Norm/Philip  
Hildebrand  
204-822-3853

**Morris**  
Paterson Grain  
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**Souris**  
Fraser Ag  
204-483-7333

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**Treherne**  
Ian/Harvey  
Pritchard  
204-526-7169

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Bruce Stewart  
204-633-6010

**Winnipeg Terminal**  
Paterson Grain  
204-694-4445

ALBERTA

**Brooks**  
Jim Burton  
403-362-4622

SASKATCHEWAN

**Carievale**  
Paterson Grain  
306-928-2202

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**6946**  
**6946 DMR**  
**6950**

LONG TYPE

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# Distributor Contacts for Varieties in Seed Manitoba 2012

Look up variety within the correct CROP KIND to find the company, then look for company phone number in the box at bottom of section.

## CANOLA

- see Canola table to determine which companies market specific varieties -

## FLAX

AC Carnduff	SeCan
AC Emerson	SeCan
AC Watson	Viterra
CDC Arras	FP Genetics
CDC Bethune	SeCan
CDC Sanctuary	SeCan
CDC Sorrel	SeCan
CDC Valour	SeCan
Flanders	SeCan
Hanley	SeCan
Lightning	CANTERRA SEEDS
Macbeth	Viterra
NorLin	SeCan
Prairie Blue	SeCan
Prairie Grande	SeCan
Prairie Sapphire	Alliance Seed Corporation
Prairie Thunder	CANTERRA SEEDS
Taurus	FP Genetics
Vimy	SeCan

## CONVENTIONAL SOYBEANS

OAC PRUDENCE	SeCan
QGC 16T	Quarry Seeds Ltd.

## NATTO SOYBEANS

QGC 10N	Quarry Seeds Ltd.
QGC 12N	Quarry Seeds Ltd.

## ROUNDUP READY SOYBEANS

24-60 RY	Monsanto Canada Inc.
25-04 RY	Monsanto Canada Inc.
25-10 RY	Monsanto Canada Inc.
27005RR	Quarry Seeds Ltd.
29002RR	Quarry Seeds Ltd.
90A06	Pioneer Hi-Bred Ltd.
90M01	Pioneer Hi-Bred Ltd.
900Y71	Pioneer Hi-Bred Ltd.

## ROUNDUP READY SOYBEANS

Chadburn R2	Secan
HS 006RYS24	Hyland Seeds
LS 0028RR	Delmar Commodities
LS 0036RR	Delmar Commodities
LS 0065RR	Delmar Commodities
LS006R21	Delmar Commodities
LS008R21	Delmar Commodities
NSC Portage RR	North Star Genetics Manitoba
NSC Warren RR	North Star Genetics Manitoba
NSC OSBORNE RR2Y	North Star Genetics Manitoba
PS 0027 RR	PRIDE Seeds
RR Rosco	Hyland Seeds
S01-K8	Univar Canada Ltd.
S00-W3	Univar Canada Ltd.

## SUNFLOWERS

- see Sunflower table to determine which companies market specific varieties -

### DISTRIBUTOR

### PHONE NUMBER

Alliance Seed Corporation	1-877-270-2890
Bayer CropScience	1-888-283-6847
Brett Young	1-800-665-5015
CANTERRA SEEDS	1-877-439-7333
Cargill	1-204-947-0141
CHS Sunflower	1-701-484-5313
Delmar Commodities	1-888-974-7246
Dow AgroSciences	1-800-667-3852
FP Genetics	1-877-791-1045
Hyland Seeds	1-204-745-7656
La Coop Federee	1-514-384-6450
Monsanto Canada Inc. (DEKALB)	1-800-667-4944
North Star Genetics Manitoba	1-701-454-6427
Pioneer Hi-Bred Ltd.	1-800-265-9435
PRIDE Seeds	1-800-265-5280
Quarry Seeds Ltd.	1-888-274-9243
SeCan	1-800-665-7333
Seeds 2000	1-877-841-7447
Syngenta Seeds Canada Inc.	1-877-964-3682
Univar Canada Ltd.	1-204-928-7248
Viterra	1-800-569-4411



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# Growers List



## CANOLA

S=Select; F=Foundation; R=Registered; C=Certified; ☼ Indicates Plant Breeders' Rights protected. Other varieties may have PBR protection pending.

### 1818☼

High Bluff; Lytle, Robert ..... 204-857-9950 C

### 1918☼

Fannystelle; Nadeau, Brian ..... 204-436-2469 C  
High Bluff; Lytle, Robert ..... 204-857-9950 C  
Winnipeg; Canterra Seeds Ltd. .... 204-988-9750 C  
Winnipeg; Canterra Seeds Ltd. .... 204-988-9750 C

### 997 RR

St Norbert ; Brett-Young Seeds Limited ..... 204-261-7932 C

### NX4-106RR

Calgary; Dow Agrosiences Canada ..... 403-735-8838 C

### NX4-107RR

Calgary; Dow Agrosiences Canada ..... 403-735-8838 C

### RED RIVER 1997

Regina; Viterra ..... 306-569-5027 C

## FLAX

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### CDC BETHUNE☼

Carman; Elias, Isaac ..... 204-745-3301 C  
Crystal City; Buchanan, Kenneth S. & Dean K. .... 204-873-2661 C  
Domain; Manness, Clayton & Scott & Alan ..... 204-736-2922 R C  
Fannystelle; Nadeau, Brian ..... 204-436-2469 C  
Notre Dame; Durand, Gabriel A. & Marc ..... 204-248-2268 C  
Oak Bluff; Anseeuw, Mark J. .... 204-895-8375 C  
Oak River; Henry, Cameron & Mc Lean, Eric ..... 204-566-2422 C  
Rossburn; Mitchell, John ..... 204-859-2431 C  
Souris; Kohut, Anton ..... 204-483-2004 C

### CDC SORREL☼

Carman; Menold, Thomas ..... 204-745-3377 C  
Domain; Pitura, Carl & Calvin C. .... 204-736-2849 R C  
Elie; Lachance, J.B. Adrien & Paul M. & Lionel ..... 204-353-2694 C  
Foxwarren; Graham, George Arthur ..... 204-683-2367 C  
Notre Dame; Durand, Gabriel A. & Marc ..... 204-248-2268 R C  
Portage; Pugh, William G. & B.M. .... 204-274-2179 C  
Rosser; Krym, Lynden ..... 204-467-5143 C  
Sanford; Bergen, Edward Harry & Tim ..... 204-736-2278 F  
Sanford; Schlichting, Martin ..... 204-736-4068 R  
Somerset; Van Deynze, Marc ..... 204-744-2384 C  
Stonewall; Unger, Ronald K. & Darcy ..... 204-467-8630 C  
Wawanesa; Ellis, Warren P. & Simon ..... 204-824-2290 C

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### HANLEY☼

Domain; Wiens, Robert Frank .....	204-736-2951	R
Elm Creek; Poulsen, Francis E. ....	204-436-2284	C
Killarney; Chatham, Don & Linda .....	204-523-8412	C
La Salle; Wiens, Edward & Ernie .....	204-736-2646	R
Sanford; Bergen, Edward Harry & Tim .....	204-736-2278	FR
St Leon; Labossiere, Luc N. & Rejean R. ....	204-744-2208	C
Winnipeg; James, David J. & Dorothy .....	204-222-8785	R

### LIGHTNING☼

Holland; Patenaude, Donald & Robert .....	204-526-2391	C
Holland; Zeghers, Donald Edmond .....	204-526-2145	C
Somerset; Sierens, Joseph & Chris .....	204-744-2883	R

### Prairie Sapphire☼

Altamont; Madill, Douglas .....	204-435-2734	R
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### TAURUS☼

Gladstone; Milne, Wilnot George .....	204-385-2486	C
Oak River; Henry, Cameron & Mc Lean, Eric .....	204-566-2422	C

### VT50☼

Dauphin; Kaleta, James & Debra .....	204-638-8587	R
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## SOYBEANS

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### 24-10RY

Dufrost; Catellier, Patrick Raymond .....	204-347-5503	C
Tillsonburg; Monsanto Canada Inc. ....	519-688-9888	S R C

### 25-10RY

St Norbert ; Brett-Young Seeds Limited .....	204-261-7932	R
Tillsonburg; Monsanto Canada Inc. ....	519-688-9888	R

### 27005RR

Stonewall; Quarry Seeds Ltd. ....	204-467-8877	C
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### 29002RR

Stonewall; Quarry Seeds Ltd. ....	204-467-8877	C
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### 900Y61☼

Chatham; Pioneer Hi-Bred Production Ltd. ....	800-265-0554	S F R C
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### 900Y71☼

Chatham; Pioneer Hi-Bred Production Ltd. ....	800-265-0554	S R C
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### 900Y81☼

Chatham; Pioneer Hi-Bred Production Ltd. ....	800-265-0554	S R
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