

Variety Description Key

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

The grey box has been placed at the bottom of each table for canola, flax and sunflowers displaying the "GRAND MEAN" for Yield (bu/acre) and the corresponding LSD value (p 0.05).

Except for the long term average yield, variety description information was obtained from the Co-operative Registration Trials. For Relative Maturity, please keep in mind the actual number of days to reach maturity will depend on local climactic conditions and to some extent on management practices.

"Resistance Level" ratings: HS = highly susceptible; S = susceptible; MS = moderately susceptible; MR = moderately resistant; R = resistant; '-' = 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 Breeder's Rights or a variety where protection has been applied for but not yet granted at time of printing.

Key to 2013 Yield Tables

Yields derived over 2 or more growing seasons are the best indicator of variety performance. For new varieties, "2013 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.

Canola Comments

For specific notes regarding the canola tables, refer to the CANOLA COMMENTS on page 57.

Soybean Comments

For specific notes regarding the soybean tables, refer to the SOYBEAN COMMENTS on page 66.

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Canola Comments

The Variety Descriptions table summarizes the performance of canola varieties that will be available for planting in spring 2014. The post-registration Canola Performance Trial (CPT) includes the use of the appropriate herbicide products matching herbicide tolerant (HT) varieties.

The CPT information within Seed Manitoba 2014 and on-line, provides data which has been audited by field inspection and data analysis process. The data presented was collected based on a specific scientifically designed protocol to ensure comparisons are unbiased. Detailed notes on other variety attributes and trial management are at www.canolaperformancetrials.ca

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 trial design included grouping by herbicide tolerance so the LSD (Least Significant Differences) has been included for each HT group to determine if yield difference between varieties are significant. Using the comparisons of the yield performance to the standard 73-75RR that is included in all small plot and field scale trials, comparisons can be made between HT groups and between small plot and field scale trials.

Data Sources

Data presentation in the long and mid season canola growing zones trials table (page 58) was collected from small plot, replicated trials, that are typically less than 0.25 acre in size. Varieties have been entered by the representative marketing company for testing.

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.

Blackleg Rating for Canola

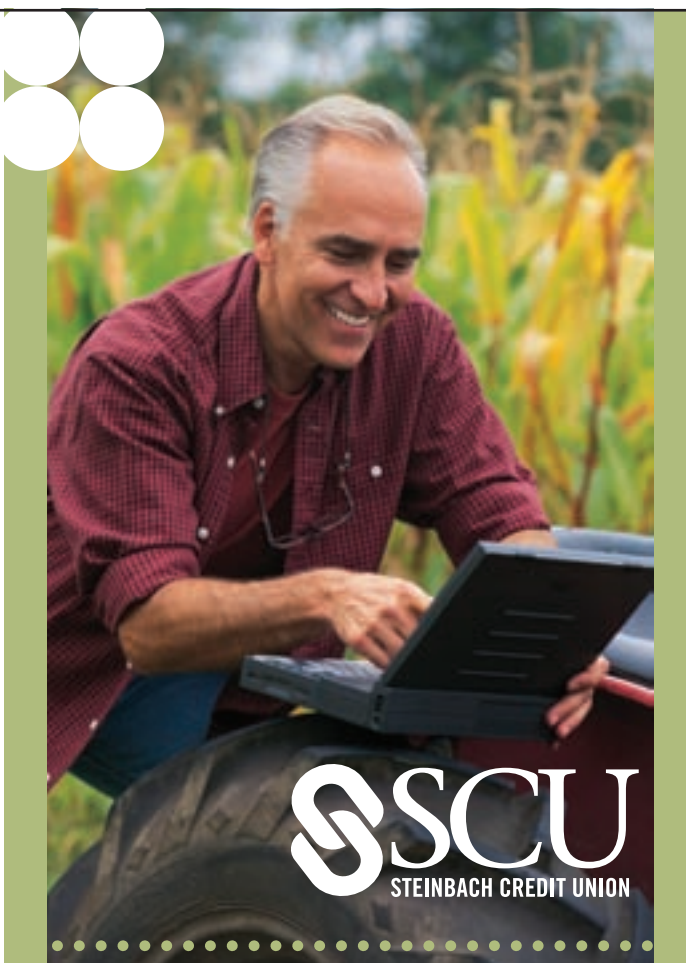
The rating represents a variety's blackleg tolerance relative to the highly susceptible variety Westar. Varieties with a resistant (R) or moderately resistant (MR) rating for blackleg have shown the greatest ability to suppress blackleg incidence and severity, but can still develop some lesions or cankers. Individual field performance and tolerance 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.

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CANOLA (continued)

Comments:

Note: All varieties tested in the 2013 Canola Performance Trials are Hybrid canola varieties

Variety Descriptions

Distributor	Variety (B.napus)	Average Yield		LONG Season Zone (2 trials)				MID Season Zone (14 trials)				WCC/RRC
		MID-LONG Zone		Yield	Maturity	Lodging	Height	Yield	Maturity	Lodging	Height	Blackleg Tolerance
		bu/ac	%73-75RR	(bu/ac)	(days)	(1-5)	(inches)	(bu/ac)	(days)	(1-5)	(inches)	
Clearfield Tolerant												
BrettYoung	5525 CL	71	94%	85	94	2.3	52	69	100	2.4	46	R
Crop Production Services	VR 9560 CL †	74	98%	87	93	2.8	52	72	102	2.9	49	R
	LSD (bu/ac)			13				9				
Liberty Tolerant												
Bayer CropScience	5440	78	103%	100	94	1.6	51	75	99	2.1	48	R
Bayer CropScience	L252	83	110%	112	95	1.9	51	79	101	2.5	48	R
Bayer CropScience	L261	79	104%	101	96	1.6	60	76	102	2.2	52	R
Bayer CropScience	L130	75	99%	94	93	1.6	52	72	99	2.0	48	R
Bayer CropScience	L154	78	103%	103	93	3.0	52	74	99	2.9	48	R
Bayer CropScience	L159	79	105%	98	95	2.0	55	77	100	2.3	50	R
	LSD (bu/ac)			14				7				
Roundup Tolerant												
CANTERRA SEEDS	1990	77	102%	99	92	2.9	50	74	100	2.9	46	R
BrettYoung	6044 RR	73	97%	97	95	1.4	51	70	99	1.9	45	R
BrettYoung	6050 RR	73	96%	91	93	3.5	47	70	99	3.4	44	R
BrettYoung	6060 RR	75	100%	98	97	1.9	53	72	103	2.4	48	R
Dekalb	73-45 RR	70	93%	87	92	3.3	44	68	98	3.5	42	R
Dekalb	73-75 RR	76	100%	101	92	3.5	48	72	99	3.2	44	R
Dekalb	74-44 BL	74	98%	94	92	3.3	48	72	98	3.2	43	R
Dekalb	74-47 CR	74	98%	102	96	2.9	51	70	101	3.0	46	R
Dekalb	74-54 RR	74	98%	95	92	3.6	48	71	99	3.5	45	R
Syngenta Canada Inc.	SY4114	75	100%	101	92	3.1	48	72	99	3.1	44	R
Syngenta Canada Inc.	SY4135	75	100%	100	92	3.3	49	72	99	3.3	44	R
Cargill - Victory Hybrid	V12-1*†	76	101%	93	93	2.1	53	74	100	2.3	47	R
Cargill - Victory Hybrid	V12-2*†	72	96%	93	96	1.9	51	69	101	2.3	45	R
Crop Production Services	VR 9562 GC	76	100%	98	94	2.0	53	73	99	2.5	48	R
Crop Production Services	VT 530 G	76	101%	96	93	2.0	53	73	100	2.2	48	MR
Varieties that have been supported for registration												
Cargill - Victory Hybrid	09H7757	78	103%	95	97	1.8	55	75	103	2.2	50	R
DL Seeds	10DL30109	73	97%	94	95	2.0	53	71	100	2.3	46	R
DL Seeds	10DL30509	78	103%	99	96	1.4	52	75	102	2.0	46	R
	LSD (bu/ac)			11				7				
GRAND MEAN (bu/ac)		75		97	94	2	51	73	100	3	46	

* Indicates varieties with Specialty oil profiles

† Indicated varieties with premiums associated with pricing. Visit www.canolaperformancetrials.ca for more details

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CANOLA PERFORMANCE TRIAL — 2013 Field Scale Trial Location Data Summary

Variety	Yield LONG Zone			Yield MID Zone		
	bu/ac	% of 73-75RR	Sites	bu/ac	% of 73-75RR	Sites
5440	55	100	9	54	102	19
L130	55	101	16	54	102	30
L154	55	100	4	55	105	8
L159	54	99	2	54	102	6
L252	59	108*	7	55	104*	16
L261	59	107*	7	55	103	14
1990	56	102	1	53	100	16
6060 RR	53	97	4	51	93*	7
73-15 RR	—	—	—	55	104*	20
73-45 RR	55	99	13	54	101	40
73-75 RR	55	100	22	53	100	68
74-44 BL	56	102	18	55	104*	50
74-47 CR	54	98	4	52	98	21
74-54 RR	56	101	14	57	103*	42
SY4114	—	—	—	54	102	3
SY4135	—	—	—	52	98	3
V12-1	—	—	—	52	99	10
V12-2	—	—	—	51	97	7
VT 530 G	—	—	—	55	104	1

* denotes 5% level of statistical significance using paired t-tests.



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*Source: 2012 Field-Scale Canola Performance Trials
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CANOLA PERFORMANCE TRIAL — Field Scale Trial Location Data — *Manitoba only*

Variety (B.napus)	2013 Yield: % of 73-75 RR														
	LONG SEASON ZONE										MID SEASON ZONE				
	Brandon1	Brandon2	Cardale	Howden	Melita	Minto	Neepawa	Ninette	Portage La Prairie	Rapid City	Somerset	St. Adolphe	Woodside	Arborg	Swan River
5440		104	109		89		110		102			100			
L130	89	103	107	101	92		110		105	94	95	105			117
L154				98			109				100				
L159							104								
L252		113	111				114		106			106			
L261		110	113				110		110			105			
1990														92	
73-45 RR	90			99	110			104		90	103		80	96	109
74-44 BL	100	103	107	97	110	106		107		98	106	99	89	102	113
74-47 CR															106
74-54 RR	101			91	104	104		101		106	100		92	105	108
6060 RR					96										
73-75 RR (bu/ac)	55	56	54	67	48	44	58	46	51	55	60	64	42	70	59

FLAX

New for 2014

Variety	Code	Breeder	Distributor	Seed Availability
CDC Neela☼	FP 2314	Crop Development Centre	CANTERRA SEEDS	2015
Westlin 70	FP2325	Crop Production Services (CPS)	Crop Production Services (CPS)	2014
Westlin 71☼	FP2347	Crop Production Services (CPS)	Crop Production Services (CPS)	2014

Varieties that are being tested or proposed for registration

FP2308	AAFC (Morden)
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Comments:

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.

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FLAX (continued)

Variety Descriptions

Variety	Site	Yield bu/acre	Maturity	Height	Seed	Oil Quality ¹ :			Resistance to:		
	Years Tested		+/- 102 days	+/- 27 inches	Size TKW	Oil Content	Iodine Number	ALA Content	Lodging ²	Fusarium Wilt	Powdery Mildew
AAC Bravo	9	31	1	0	6.4	44.6	194.0	60.2	G	MR	MR
AC Carnduff	6	31	0	-1	5.6	44.7	192.3	57.0	VG	MR	MR
AC Emerson	30	31	-2	-1	6.4	43.8	196.1	59.3	G	R	R
AC Watson	3	30	-2	-2	6.2	44.4	192.7	57.1	VG	MR	R
CDC Arras	13	31	0	-2	6.1	45.2	189.2	54.4	G	MR	MS
CDC Bethune	107	33	0	0	5.8	45.6	188.6	54.7	G	MR	MR
CDC Glas	9	34	1	1	5.2	45.8	192.0	56.6	G	MR	MR
CDC Neela	9	32	1	1	5.7	45.5	194.4	59.1	G	MR	MR
CDC Sanctuary	20	34	3	1	5.8	45.6	190.7	57.2	G	MR	MR
CDC Sorrel	50	34	1	1	6.4	45.1	192.7	57.8	F	MR	MR
Flanders	1	32	1	-2	5.3	45.4	191.9	57.2	F	MR	MR
Hanley	69	31	-2	-2	5.7	44.7	197.7	58.6	VG	R	MR
Lightning	40	32	1	-2	6.0	47.6	192.5	56.1	G	MR	R
Macbeth	29	33	0	-1	6.2	47.7	193.1	56.7	G	R	MR
NorLin	50	31	0	-1	5.7	43.5	189.7	56.7	VG	MR	MS
Prairie Blue	68	33	1	-1	5.2	46.3	192.2	57.3	VG	MR	MR
Prairie Grande	40	32	-2	-4	5.8	45.6	192.9	57.5	G	MR	MR
Prairie Sapphire	31	34	2	-1	5.8	48.1	193.1	57.2	G	MR	MR
Prairie Thunder	47	32	0	-3	5.9	45.3	194.7	57.9	G	R	MR
Taurus	39	32	0	-1	5.6	45.6	187.0	53.9	VG	MR	R
Vimy	4	32	1	0	6.1	45.0	191.9	57.6	F	MR	MS
Westlin 70	9	31	2	2	6.4	45.8	194.5	61.9	G	MR	R
Westlin 71	5	33	2	-2	5.6	47.5	198.1	61.2	G	MR	MS
Varieties that are being supported for registration											
FP 2308	9	33	1	0	5.8	45.5	191.8	57.5	G	MR	MR
GRAND MEAN (bu/ac)		32									
LSD (0.05)		2									

1 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.

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

Yield Comparisons

Variety	2013 Average Yield (bu/ac)	2013 Yield (bu/acre)				
		Arborg	Hamiota	Morden	Stonewall	Rosebank
AAC Bravo	44	38	44	42	32	63
CDC Bethune	49	41	55	44	37	69
CDC Glas	53	45	54	47	41	76
CDC Neela	47	43	48	47	30	65
CDC Sanctuary	52	49	55	51	41	63
Prairie Sapphire	49	44	52	47	40	64
Westlin 70	43	40	48	43	35	48
Westlin 71	50	42	52	45	35	74
Varieties that have been supported for registration						
FP 2308	49	43	50	45	43	61
SITE GRAND MEAN (bu/ac)		43	51	46	37	65
CV%		4.3	4.7	4.5	7.1	4.3
LSD (bu/ac)		3	4	4	5	5
Sign Diff		Yes	Yes	Yes	Yes	Yes
Seeding Date		03-May	23-May	24-May	13-May	27-May
Harvest Date		07-Oct	30-Sep	23-Sep	17-Sep	02-Oct

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Comments:

All varieties are rated resistant tolerance to blackleg.

Data is donated and approved for publication by the Prairie Recommending Committee for Oilseeds (PRCO).

Variety Descriptions¹

Variety	Yield % Check	Site Years Tested	Days to Maturity +/- Check	Height +/- Check	Mucilage ² cS* ml/g	Fixed Oil % Seed	Protein % Seed
Yellow - Sinapis alba	% of AC Pennant				+/- AC Pennant		
AC Pennant	100	94	0	0	42.0	29.4	34.7
AC Base	100	94	+1	+3	38.3	29.2	34.7
Ace	98	94	+2	+5	46.7	29.0	35.3
Adante	100	94	+1	+5	51.9	28.2	35.6
Oriental - Brassica juncea	% of Cutlass				+/- Cutlass		
AC Vulcan	98	85	0	+1	—	40.6	29.6
Cutlass	100	85	0	0	—	41.1	29.2
Forge	97	85	+2	+10	—	38.8	29.7
Brown - Brassica juncea	% of Commercial Brown				+/- Commercial Brown		
Centennial Brown	102	85	0	+4	—	36.6	30.0
Commercial Brown	100	85	0	0	—	38.1	28.8
Duchess	103	85	0	+1	—	38.2	28.8
CHECK CHARACTERISTICS							
Yellow - AC Pennant	1716	94	91	96			
Oriental - Cutlass	2078	85	91	114			
Brown - Commercial Brown	1890	85	92	111			
	lb/ac	site years	days	cm			

¹ All varieties are tested at all locations (Co-operative Mustard Test location) from a 10 year period of 1999-2008.

² Mucilage is a measure of viscosity.

SOYBEANS

NOTES FOR ALL SOYBEAN TABLES

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

- 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
- 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.
- Maturity grouping is a ranking of maturity provide by seed suppliers. These rankings are assigned to varieties to assist growers to select varieties suited for their area. For future Years Maturity grouping will be used instead of CHU Ranking.
- 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. 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:

- Roundup Ready and Conventional soybean varieties are evaluated separately from Roundup Ready type varieties, meaning direct comparison of varieties between different tables is not possible. All trials are solid seeded at 210,000 plants/acre.
- Hilum colour can range from Yellow (Y), Imperfect Yellow (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.
- 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.
- Lodging is rated at harvest; 1=standing upright, 5= flat along the ground. A rating of 3 or more can promote white mould within the crop canopy.
- 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 4 sites 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.
- 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.

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WESTERN MANITOBA SOYBEAN ADAPTATION TRIAL

Comments:

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

In 2013, trials were located at Carberry, Hamiota, Melita, and Roblin.

Variety Descriptions

Variety	Company Heat	Yield %	Site Years	Days to ¹ Maturity	2013 Yield: % of 23-10RY				
	Units	Check	Tested	+/- Check	Carberry	Melita	Hamiota	Roblin	
P001T34R	2300	82	4	-7	83	96	65	105	
29002RR	2375	87	9	-6	104	54	77	93	
NSC Anola RR2Y	2350	109	4	-2	113	94	107	120	
TH 33003R2Y	2400	106	5	-2	113	108	93	130	
NSC Moosomin RR2Y	2300	100	4	-2	101	91	78	130	
23-10RY	2325	100	10	0	100	100	100	100	
Bishop R2	2450	98	5	0	107	112	82	107	
MCLEOD R2	2375	112	5	0	125	102	110	129	
NSC Tilston RR2Y	2400	110	5	0	122	107	106	130	
LS 002R23	2375	111	5	1	130	96	108	127	
Pekko R2	2325	95	10	1	93	100	99	47	
900Y71☼	2450	103	10	1	119	143	90	102	
TH 32004R2Y	2425	115	10	1	131	121	114	127	
NSC Libau RR2Y	2375	101	5	2	109	133	99	79	
NSC Reston RR2Y	2325	99	5	2	103	116	106	83	
900Y61☼	2425	101	10	2	112	127	98	107	
Vito R2	2350	101	5	2	110	103	83	110	
PRO 2525R2	2450	120	4	3	127	115	128	110	
Sampsa R2	2425	96	10	5	93	111	79	79	
Varieties that have been supported for registration									
LS002R24N		113	4	0	109	101	123	121	
NSC Gladstone RR2Y		113	4	0	116	119	103	113	
EXP00313R2		105	4	1	111	98	103	105	
TH 33005R2Y		116	4	3	121	101	126	113	
FLZ612A4		107	4	5	98	121	99	116	
CHECK CHARACTERISTICS					23-10RY (bu/acre)	58	37	47	42
23-10 RY		48	10	135	CV%	7.7	14.2	9.3	6.5
		bu/ acre	site years	days to maturity	LSD%	13	23	15	11
					Sign Diff	Yes	yes	Yes	Yes
					Seeding Date	16-May	16-May	26-May	22-May
					Harvest Date	18-Oct	10-Oct	15-Oct	17-Oct

¹ Maturity Based on Data from Carberry and Melita

Not all varieties reached 95% Brown pod in Roblin and Hamiota before first frost

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NATTO SOYBEANS

Comments:

Natto soybeans were last tested in 2012.

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.

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

Variety Descriptions

												2012 Yield: % of OAC Prudence					
Manitoba Variety Grouping	Company Heat Unit	Variety	Relative Days to Maturity +/- Check				Yield % Check	Site Years Tested	Lodging	Seeds/lbs	IDC Rating (1-5)	Carman	St. Adolphe	Morris	Rosebank	Morden	
			Average	2012	2011	2010											
Short Season	2375	AC QGC 12N	-8	—	-7	-9	77	40	2.8	5200	2.3	—	—	—	—	—	
Mid Season	2475	OAC Prudence	0	0	0	0	100	49	1.7	2300	1.6	100	100	100	100	100	
Varities that have been supported for registration																	
		Colibri	0	—	3	—	81	22	1.2	7350	—	—	—	—	—	—	
		OT 08-05	0	1	1	3	91	20	2.3	4300	—	106	104	92	86	89	
CHECK CHARACTERISTICS												OAC Prudence (bu/acre)					
OAC Prudence			115	114	106	125	49	49	CV%			3.9	4.8	6.1	6.5	6.9	
			days to maturity				bu/acre	site	years	LSD%			8	9	10	10	12
										Sign Diff			Yes	Yes	Yes	Yes	Yes

1 Lodging and maturity ratings (1-5) were averaged across the Morris, St. Adolphe and Carman sites.



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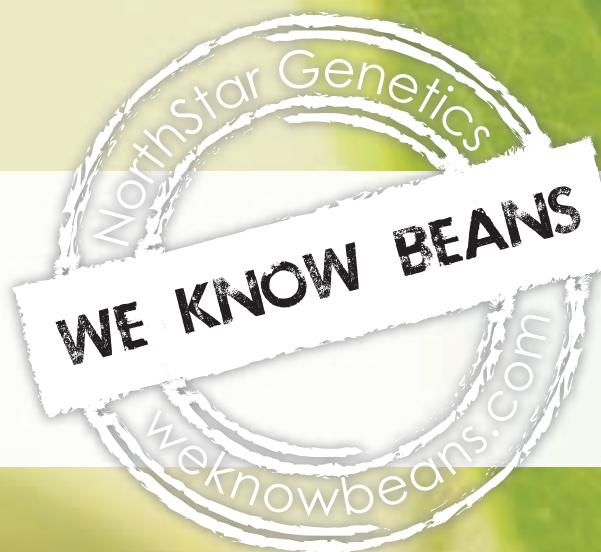
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CONVENTIONAL SOYBEANS

Comments:

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

Variety Descriptions

Manitoba Variety Zones	Company Heat Unit	Variety	Relative Days to Maturity ¹ + / - Check			Yield % Check	Site Years Tested	Hilum Colour	Relative Seeds/lb	Lodging ²	
			Average	2013	2012					Clay Soil	Loam Soil
Mid Season Zone	2450	OAC Prudence	0	0	0	100	82	Y	2691	1.1	1.8
	2500	AAC Mandor	2	3	1	109	23	Y	2465	1.0	2.3
	Varieties that have been supported for registration										
Long Season Zone		OT11-01	-4	-2	-5	112	10	IY	3106	1.1	1.3
		OAC 11-02C	5	6	4	111	11	Y	2408	1.1	1.7
	Varieties that have been supported for registration										
		OT11-03	5	5	5	116	11	Y	2223	1.0	1.3
		SeCan 11-05C	2	5	0	110	17	Y	2364	1.0	2.1
		OT12-02	8	8	—	117	6	Y	2699	1.1	2.2
CHECK CHARACTERISTICS											
OAC Prudence			114	114	114	50	82				
			days to maturity			bu/acre		site years			

1 Maturity Ratings for 2013 are average across Carman, Morris, St. Adolphe, Portage

2 Lodging ratings are an average across Loam soils (Portage and Carman) and Clay soils (St. Adolphe, Morris)

YIELD COMPARISONS

Manitoba Variety Zones		Variety	2013 Average Yield	Site Years Tested	2013 Yield: % of OAC Prudence					
					Core Sites				Late Sites	
					Carman	Morris	Portage	St. Adolphe	Rosebank	Morden
Mid Season Zone	OAC Prudence	100	6	100	100	100	100	100	100	
	AAC Mandor	119	6	123	121	105	118	125	127	
	Varieties that have been supported for registration									
	OT11-01	110	6	111	108	103	108	136	97	
Long Season Zone	OAC 11-02C	112	6	110	119	105	115	116	110	
	Varieties that have been supported for registration									
	OT11-03	117	6	110	123	112	98	130	126	
	SeCan 11-05C	118	6	107	120	111	118	135	116	
	OT12-02	117	6	117	119	122	114	117	115	
Check Characteristics		OAC Prudence (bu/acre)			47	37	71	48	60	64
		CV %			5.1	4.6	3.9	3.7	6.1	6.0
		LSD %			9	8	7	6	10	10
		Sign Diff			Yes	Yes	Yes	Yes	Yes	Yes
		Seeding Date		17-May	24-May	17-May	16-May	24-May	16-May	
		Harvest date		04-Oct	25-Sep	05-Oct	02-Oct	17-Oct	04-Oct	



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TM

ROUNDUP READY SOYBEANS

New for 2014

Variety	Previous Code	Distributor	Seed Availability
00703	DAS 00703 R3	Hyland Seeds	2014
24-61RY	24-61RY	DEKALB	2014
Gray R2	SC2450R2	Secan	2013
HS 007RY32	HX 007RY32	Hyland Seeds	2014
LS 002R23	LS 002R23	Delmar Commodities	2013
McLeod R2	SC2375R2	Secan	2013
NSC Moosomin RR2Y	NSC Moosomin RR2Y	Northstar Genetics Manitoba	2014
NSC Niverville RR2Y	NSM EXP 1209N R2	Northstar Genetics Manitoba	2013
NSC Reston RR2Y	NSM EXP 1225 R2	Northstar Genetics Manitoba	2013
NSC Tilston RR2Y	NSMR2-EXP G10	Northstar Genetics Manitoba	2013
P001T34R	PH12004	DuPont Pioneer	2014
S007-Y4	AR1111955	Syngenta Canada	2014
S00-T9	X2R00922	Syngenta Canada	2013
TH 33003R2Y	TH 33003R2Y	Quarry Seeds Ltd	2013

Variety Descriptions

Manitoba Variety	Company		Variety	Type ¹	Relative Days to Maturity ²			Yield %	Site Years	Hilum Colour	Relative Seeds/lb	Lodging ³		IDC ⁴		
	Heat	Maturity			+ / - Check							Clay	Loam	Rating	Grouping	Notes ⁵
Zones	Unit	Grouping			Average	2013	2012	Check	Tested					(1-5)		
Short Season Zone	2300	00.1	P001T34R	RR1	-10	-12	-8	75	11	BR	2935	1.0	1.0	2.0	ST	—
	2300	000	NSC Moosomin RR2Y	R2Y	-8	-8	—	82	6	BR	3209	1.0	1.2	2.5	S	—
	2325	000	Pekko R2	R2Y	-5	-5	-5	96	16	BL	2389	1.0	1.3	2.1	ST	—
	2325	00.1	NSC Reston RR2Y	R2Y	-5	-5	-4	101	12	BL	2653	1.2	2.3	2.9	S	1k
	2325	00.1	23-10RY	R2Y	-4	-4	-4	96	18	BL	3128	1.1	1.4	1.8	ST	1c
	2400	00.7	S007-Y4	R2Y	-4	-4	—	104	6	IY	2441	1.0	1.7	2.0	ST	1k
	2450	00.2	Bishop R2	R2Y	-4	-4	-3	94	17	IY	2987	1.3	2.3	2.8	S	—
	2350	00.2	NSC Anola RR2Y	R2Y	-3	-4	-1	102	16	BL	2930	1.1	2.0	1.8	ST	1c
2425	00.4	TH 32004R2Y	R2Y	-3	-4	-1	105	18	BL	3400	1.4	2.2	1.7	ST	1c	
			Varieties that have been supported for registration													
			PH12005	R2Y	-5	-5	—	85	85	IY	2936	1.0	1.5	2.1	ST	—
			FLZ612A4	R2Y	-3	-3	—	100	6	BL	2965	1.2	2.0	1.7	T	—
			EXP00313R2	R2Y	-3	-3	—	99	6	BL	2550	1.3	2.0	1.8	ST	SCN
			LS002R24N	R2Y	-2	-2	—	101	6	BL	2500	1.6	2.3	1.9	ST	—
Mid Season Zone	2375	00.2	LS 002R23	R2Y	-2	-2	-1	102	12	BL	2719	1.1	1.5	1.9	ST	—
	2450	00.7	S00-B7	R2Y	-2	-4	0	93	11	BL	2377	2.1	2.5	2.3	S	1a
	2400	00.3	TH 33003R2Y	R2Y	-1	-2	0	101	15	BR	3200	1.4	2.3	1.7	ST	1c
	2475	00.6	Chadburn R2	R2Y	-1	-1	-1	100	19	BL	3086	1.0	1.5	1.7	T	—
	2375	00.3	McLeod R2	R2Y	-1	-2	0	104	12	BL	2473	1.1	1.3	1.7	T	—
	2350	00.3	Vito R2	R2Y	-1	-1	-1	96	16	GR	3160	1.5	2.3	1.7	ST	1k
	2375	00.4	NSC Libau RR2Y	R2Y	-1	0	-1	100	18	BL	2800	1.0	1.6	1.8	ST	1c
	2375	00.4	NSC Tilston RR2Y	R2Y	0	-1	1	101	16	BL	2965	1.1	2.4	1.9	ST	—
	2425	00.5	NSC Elie RR2Y	R2Y	0	-1	1	104	19	BL	2673	1.0	1.8	2.3	ST	1k
	2425	00.4	004R21	R2Y	0	0	0	100	22	BL	3153	1.0	1.9	1.6	T	1a
	2425	00.5	24-10RY	R2Y	0	0	0	104	22	IB	2645	1.0	1.8	2.2	ST	1k
	2425	00.6	900Y61☼	RR1	1	-1	2	96	18	BR	2608	1.0	1.5	1.6	T	1c
	2450	00.7	900Y71☼	RR1	1	1	1	98	18	IY	2935	1.0	1.9	1.7	T	1c
	2450	00.5	Gray R2	R2Y	1	0	1	101	12	BL	3300	1.0	1.5	2.0	ST	1c
	2425	00.8	Sampsa R2	R2Y	1	0	1	106	14	IB	2092	1.0	1.3	2.0	ST	1c
	2425	00.3	LS 003R22	R2Y	1	1	0	101	18	BL	2827	1.1	2.1	1.8	ST	—
2450	00.6	HS 006RYS24	R2Y	1	1	1	103	17	BL	2900	1.1	2.1	1.7	T	SCN	
2500	00.8	Beurling R2	R2Y	1	0	2	94	17	BL	3220	2.4	3.1	2.1	ST	—	
			Varieties that have been supported for registration													
			NSC Gladstone RR2Y	R2Y	-1	-1	—	99	6	BL	2620	1.1	2.8	1.8	ST	—
			TH 33005R2Y	R2Y	-1	-2	1	113	12	BL	2500	1.1	1.8	1.8	ST	1c,1k
			S00-N6	R2Y	0	0	—	99	6	BL	3006	1.1	2.6	2.5	S	—
			TH 34006R2Y	R2Y	0	0	—	106	6	BL	2800	1.1	2.0	2.3	S	—
			SC2380 R2	R2Y	1	1	—	98	6	BL	2830	1.2	3.0	2.0	ST	1c
			CFS 12.302R2	R2Y	-1	-2	0	104	11	BL	2142	1.1	2.3	NT	NT	—

Manitoba Variety	Company		Variety	Type ¹	Relative Days to Maturity ²			Yield %	Site Years	Hilum	Relative Seeds/lb	Lodging ³		IDC ⁴		
	Heat	Maturity			+ / -	Check	2013					2012	Check	Tested	Clay	Loam
Zones	Unit	Grouping			Average					Colour						
Long Season Zone	2500	00.7	HS 007RY32	R2Y	2	2	2	111	11	BL	2950	1.1	1.7	1.8	ST	1c,1k
	2525	00.7	PS 0074 R2	R2Y	2	1	3	107	11	BR	2900	1.3	3.0	1.6	T	—
	2450	00.6	NSC Niverville RR2Y	R2Y	2	2	2	111	11	BL	4093	1.1	2.7	1.6	T	SCN,1c
	2475	00.6	LS 006R21	R2Y	3	2	3	104	14	BL	2999	1.1	1.4	2.0	ST	—
	2475	00.7	NSC Richer RR2Y	R2Y	3	2	3	109	16	BL	2937	1.1	2.3	1.6	T	1c
	2500	00.7	LS 007R22	R2Y	3	2	4	109	11	BL	3278	1.4	3.0	2.3	ST	—
	2500	00.9	S00-T9	R2Y	3	1	4	114	11	BL	2383	1.0	1.8	1.6	T	1k
	2475	00.7	24-61RY	R2Y	3	3	—	104	6	BL	3094	1.0	1.8	1.7	T	1c
	2500	00.8	PS 0083 R2	R2Y	3	3	3	99	16	BL	2600	1.0	1.5	2.3	S	—
	2475	00.7	00703	R2Y	3	3	3	109	11	BR	2900	1.0	1.9	2.6	S	—
	2475	00.5	LS 005R22	R2Y	3	3	3	101	11	BL	2886	1.1	2.1	1.8	ST	—
	2500	00.8	Currie R2	R2Y	4	5	3	108	17	BL	2950	1.1	2.3	1.8	ST	1k
	2500	00.9	25-10RY	R2Y	5	4	5	107	14	BL	2310	1.2	2.2	1.8	ST	1c
	2525	00.7	Astro R2	R2Y	6	6	5	112	14	BL	3100	1.0	2.2	1.9	ST	1k
			Varieties that have been supported for registration													
			LS005R24	R2Y	4	4	—	111	6	BL	2760	1.3	2.6	1.8	ST	—
CHECK CHARACTERISTICS																
			004R21		117	120	115	50	22							
					days to maturity			bu/acre	site	years						

1 R2Y Indicates Genuity Roundup Ready 2 Yield Soybeans

2 Maturity Ratings for 2013 are average across Carman, Morris, St. Adolphe, Portage

3 Lodging ratings are average across Loams (Portage and Carman) Clays (St. Adolphe, Morris)

4 IDC Groupings, where S=Susceptible; ST=Semi-Tolerant; T=Tolerant and NT = Not Tested

5 Notes 2a, 1c, etc. Phytoph. Resist. Genes, SCN = Soybean Cyst Nematode Resistance

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ROUNDUP READY SOYBEANS (continued)

Yield Comparisons

		2013 Yield: % of 004R21										
		2013 Average Yield	Site Years Tested	Early Sites		Core Sites				Late Sites		
				Beausejour	Stonewall	Carman	Morris	Portage	St. Adolphe	Morden	Rosebank	
Manitoba	Variety Zone	Variety										
Short Season Zone		P001T34R	69	6	56	84	71	72	71	64	—	—
		NSC Moosomin RR2Y	82	6	73	88	93	94	72	78	—	—
		Pekko R2	91	6	83	87	95	96	91	96	—	—
		NSC Reston RR2Y	94	6	91	100	98	99	84	99	—	—
		23-10RY	84	6	67	90	84	85	88	90	—	—
		S007-Y4	104	6	89	111	114	102	101	112	—	—
		Bishop R2	89	6	84	95	99	93	80	90	—	—
		NSC Anola RR2Y	98	6	85	103	101	100	93	111	—	—
		TH 32004R2Y	100	6	87	108	104	99	95	110	—	—
		Varieties that have been supported for registration										
		PH12005	77	6	65	88	86	74	74	78	—	—
		FLZ612A4	100	6	84	107	115	104	89	106	—	—
		EXP00313R2	99	6	91	103	99	99	101	102	—	—
		LS002R24N	101	6	96	99	102	104	97	109	—	—
Mid Season Zone		LS 002R23	97	6	85	97	99	104	98	101	—	—
		S00-B7	94	6	92	99	103	100	83	97	—	—
		TH 33003R2Y	97	6	87	90	110	98	96	102	—	—
		Chadburn R2	98	6	91	92	99	103	95	110	—	—
		McLeod R2	99	6	98	104	105	98	97	95	—	—
		Vito R2	93	6	85	94	96	104	86	95	—	—
		NSC Libau RR2Y	97	6	88	94	97	99	99	102	—	—
		NSC Tilston RR2Y	96	6	90	95	107	98	91	99	—	—
		NSC Elie RR2Y	97	6	95	99	101	97	94	98	—	—
		004R21	100	8	100	100	100	100	100	100	100	100
		24-10RY	99	8	87	100	102	99	96	101	110	95
		900Y61	92	6	82	98	95	89	93	92	—	—
		900Y71	93	6	82	99	98	94	93	95	—	—
		Gray R2	99	6	88	93	112	102	92	108	—	—
		Sampsa R2	102	6	—	—	105	99	93	106	128	88
		LS 003R22	90	6	78	93	96	98	83	98	—	—
		HS 006RYS24	102	6	93	105	105	108	97	105	—	—
		Beurling R2	97	6	—	—	100	100	94	95	112	83
		Varieties that have been supported for registration										
		NSC Gladstone RR2Y	99	6	93	102	103	103	94	104	—	—
	TH 33005R2Y	109	6	—	—	120	105	98	111	126	100	
	S00-N6	99	6	84	102	102	108	101	99	—	—	
	TH 34006R2Y	105	6	—	—	100	104	105	99	114	108	
	SC2380 R2	98	6	95	100	101	105	87	107	—	—	
	CFS 12.302R2	100	6	88	86	107	101	109	103	—	—	
Long Season Zone		HS 007RY32	106	6	—	—	107	103	97	108	119	104
		PS 0074 R2	118	6	—	—	102	108	116	107	152	118
		NSC Niverville RR2Y	110	6	—	—	99	106	110	98	136	108
		LS 006R21	102	6	—	—	103	102	99	98	117	92
		NSC Richer RR2Y	111	6	—	—	103	113	91	111	148	107
		LS 007R22	109	6	—	—	93	108	98	110	138	108
		S00-T9	118	6	—	—	126	116	109	111	132	117
		24-61RY	103	6	—	—	104	103	99	106	110	98
		PS 0083 R2	103	6	—	—	95	98	96	100	118	109
		00703	106	6	—	—	106	105	99	102	122	105
		LS 005R22	103	6	—	—	102	106	92	107	124	93
		Currie R2	108	6	—	—	107	107	96	104	131	103
		25-10RY	109	6	—	—	112	109	86	115	126	114
		Astro R2	118	6	—	—	113	108	110	117	142	116
		Varieties that have been supported for registration										
	LS005R24	110	6	—	—	104	109	101	112	132	105	
CHECK CHARACTERISTICS		004R21 (bu/acre)		57	47	53	44	74	55	58	67	
		CV%		7.6	5.6	5.2	4.8	8.0	4.1	6.9	7.3	
		LSD%		12	9	8	8	13	7	11	12	
		Sign Diff		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
		Seeding Date		24-May	22-May	17-May	24-May	16-May	16-May	16-May	27-May	
		Harvest Date		03-Oct	24-Sep	03-Oct	25-Sep	07-Oct	30-Sep	04-Oct	17-Oct	



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SUNFLOWERS — Non-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.

More detailed information from individual trial locations will be distributed to NSAC members in good standing in the DECEMBER 2013 edition of The Canadian Sunflower Grower magazine.

Variety Descriptions

										Resistance Level ³ :		
Company	Variety	Herb		2013 Yield (lb/ac)			2012 Summary	Maturity* (days)	Height* (inches)	Verticillium Downy ²		
		Type	DMR	Beausejour	Elm Creek	Minto				Rust ¹	Wilt	Mildew
Seeds 2000	6946	—	N	—	—	—	3573	122	68	S	MR	HS
Seeds 2000	6946 DMR	—	Y	4127	3797	2219	3740	120	68	HS	MR	R
Seeds 2000	6950	—	N	—	—	—	3491	123	70	MR	MR	HS
Seeds 2000	Jaguar DMR	CL	Y	3927	4007	2980	3541	123	72	—	—	—
Seeds 2000	Jaguar	CL	N	—	—	—	3506	122	68	MS	MR	HS
Seeds 2000	Panther DMR	—	Y	3801	5181	2509	—	123	68	HS	MS	S
Seeds 2000	Sundance DMR	—	Y	—	—	—	3477	123	73	HS	MR	MR
Varieties that have been supported for registration												
NSAC	EX 711	—	N	3994	3521	1553	—	121	72	HS	MS	HS
NSAC	EX 730	—	N	4005	3039	1828	—	123	65	HS	MS	S
NSAC	EX 753	—	N	4242	3806	2175	—	122	68	HS	MS	HS
NSAC	EX 755	—	N	4012	3401	2128	—	122	73	HS	MS	S
NSAC	EX 5255	—	N	3035	2892	1980	—	122	74	HS	MS	HS
NSAC	EX 8211	—	N	3779	3352	1898	—	123	74	HS	MR	HS
NSAC	EX 8230	—	N	3109	2144	1513	—	122	66	HS	MS	HS
NSAC	EX 8253	—	N	3499	2947	1945	2897	123	70	HS	MS	HS
NSAC	EX 8255	—	N	3863	3367	2312	—	124	75	HS	MR	HS
NSAC	EX 9011	—	N	3764	3011	1990	—	121	67	HS	MR	HS
NuSeed Global	NHW12706	—	Y	3011	2735	2833	—	133	82	HS	MR	MR
NuSeed Global	NHW12708	—	Y	3475	2939	2064	—	126	72	HS	MS	R
NuSeed Global	NHW12717	—	Y	3137	2718	2737	—	133	78	HS	MR	R
NuSeed Global	NHW12739	—	Y	3487	3328	2107	—	118	70	HS	MS	MR
Seeds 2000	NSK12N069	—	N	3883	3301	2557	—	123	74	—	—	—
CHS Sunflower	12EXP01	—	N	3865	3425	3143	—	126	73	—	—	—
CHS Sunflower	RH400 CL	CL	N	3811	3496	2993	3506	123	72	MR	MS	S
NuSeed Global	X4417	—	N	3854	2595	2681	—	121	69	HS	MS	HS
Seeds 2000	X9180 EX DMR	ExSun	Y	4086	3656	2681	3479	123	72	HS	MS	MR
Grand Mean (lb/ac)				3717	3185	2332	3406					
CV%				11.5	9.3	16.1						
LSD (lb/ac)				602	422	532						
Sign Diff				Yes	Yes	Yes						
Seeding Date				22-May	22-May	25-May						
Harvest Date				15-Oct	17-Oct	25-Oct						

* Average height and maturity derived from data collected in the MCVET Sunflower trials in 2011-2013. Data from all sites accepted for yield.

Seed sizing and % nut meat information will be posted in January 2014 at www.seedmb.ca

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

2 Reaction indicated is to Race 2.

3 Disease information based on 2011-13 trials conducted at AAFC Morden. Missing data is due to companies not entering varieties into screening trials.



MANITOBA

Beausejour
Carl Bangert
204-268-4294

Carberry
Kendell Kohinski
Redfern Farm Services
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Bud McKnight
Seeds Ltd.
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204-523-8936

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Munro Farm Supplies
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Paterson Grain
204-522-3472

Morden
Norm/Philip
Hildebrand
204-362-0322

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Niverville
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204-388-6565

Oakville
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204-267-2701

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Paterson Grain
204-634-2291

Portage la Prairie
Munro Farm Supplies
204-857-8741

Souris
Fraser Ag
204-483-7333

Steinbach
Terra Flex Ag
204-326-4405

Treherne
Ian/Harvey
Pritchard
204-526-7169

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LONG TYPE

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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.

More detailed information from individual trial locations will be distributed to NSAC members in good standing in the DECEMBER 2013 edition of The Canadian Sunflower Grower magazine.

Variety Descriptions

												Resistance Level:		
Company	Variety	Oil	Herb	DMR	2013 Yield (lb/ac)				2012 Summary	Maturity* (days)	Height* (inches)	Verticillium Downy ²		
		Type	Type		Beausejour	Elm Creek	Minto	Melita				Rust ¹	Wilt	Mildew
Syngenta Canada	3495 NS/CL/DM	NS	CL	Y	3991	3627	3094	2635	3598	127	67	HS	MR	MR
Pioneer Hi-Bred	63N82	NS	ExSun	N	—	—	—	—	3082	128	66	S	MR	S
Seeds 2000	Cobalt II	HO	CL	Y	3636	2949	2966	2425	3327	129	64	—	—	—
Seeds 2000	Defender Plus	NS	—	Y	—	—	—	—	3101	123	62	HS	MR	R
Seeds 2000	Falcon EX	NS	ExSun	N	3937	3467	2868	2575	3558	128	64	HS	MR	S
Pioneer Hi-Bred	P63ME70	NS	ExSun	Y	4385	3524	3132	2627	3483	126	69	HS	MR	R
Pioneer Hi-Bred	P63ME80	NS	ExSun	Y	4139	3924	3243	2698	3280	129	70	HS	MR	R
Experimental lines are being tested/proposed for registration in Canada														
Syngenta Canada	7111 HO/CL/DM	HO	CL	Y	3769	3697	2689	2218	2955	125	70	MR	MR	R
NuSeed Global	NLK12S069	NS	ExSun	—	4211	4084	2556	2398	—	126	69	—	—	—
NuSeed Global	NLK12S070	NS	ExSun	—	4227	3542	2409	2822	—	125	64	—	—	—
Grand Mean (lbs/ac)					4070	3552	2886	2544	3289					
CV%					5.8	9.8	11.6	7.7						
LSD (lbs/ac)					166	—	489	289						
Sign Diff					Yes	No	Yes	Yes						
Seeding Date					22-May	22-May	25-May	22-May						
Harvest Date					15-Oct	17-Oct	25-Oct	23-Oct						

* Average height and maturity derived from data collected in the MCVET Sunflower trials in 2011-2013. Data from all sites accepted for yield.

Oil content information will be posted in January 2014 at www.seedmb.ca

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

2 Reaction indicated is to Race 2.



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Distributor Contacts for Varieties in Seed Manitoba 2014

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

AAC Bravo	FP Genetics
AC Carnduff	SeCan
AC Emerson	SeCan
AC Watson	Viterra
CDC Arras	FP Genetics
CDC Bethune	SeCan
CDC Glas	SeCan
CDC Neela	CANTERRA SEEDS
CDC Sanctuary	SeCan
CDC Sorrel	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
Westlin 70	Crop Production Services (CPS)
Westlin 71	Crop Production Services (CPS)

MUSTARD

Sinapis alba	
AC Base	Trade
AC Pennant	Trade
Ace	Crop Production Services (CPS)
Andante	Trade
Brassica juncea	
AC Vulcan	Trade
Centennial Brown	Trade
Cutlass	Trade
Duchess	Crop Production Services (CPS)
Forge	Crop Production Services (CPS)

CONVENTIONAL SOYBEANS

OAC PRUDENCE	SeCan
DH404	Sevita International
DH863	Sevita International

NATTO SOYBEANS

AC QGC 12N	Quarry Seeds Ltd.
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ROUNDUP READY SOYBEANS

004R21	Delmar Commodities
00703	Hyland Seeds
23-10RY	DEKALB
24-10RY	DEKALB
25-10RY	DEKALB
24-61RY	DEKALB
29002RR	Quarry Seeds Ltd.
900Y61	DuPont Pioneer
900Y71	DuPont Pioneer
P001T34R	DuPont Pioneer
Astro R2	Quarry Seeds Ltd.
Beurling R2	SeCan
Bishop R2	SeCan
Chadburn R2	SeCan
Currie R2	SeCan
Gray R2	SeCan
HS 006RYS24	Hyland Seeds
HS 007RY32	Hyland Seeds
LS 002R23	Delmar Commodities
LS 003R22	Delmar Commodities
LS 005R22	Delmar Commodities
LS 006R21	Delmar Commodities
LS 007R22	Delmar Commodities
McLeod R2	SeCan
NSC Anola RR2Y	North Star Genetics Manitoba
NSC Elie RR2Y	North Star Genetics Manitoba
NSC Jaden RR2Y	North Star Genetics Manitoba
NSC Libau RR2Y	North Star Genetics Manitoba
NSC Niverville RR2Y	North Star Genetics Manitoba
NSC Moosomin RR2Y	North Star Genetics Manitoba
NSC Reston RR2Y	North Star Genetics Manitoba
NSC Richer RR2Y	North Star Genetics Manitoba
NSC Tilston RR2Y	North Star Genetics Manitoba
Pekko R2	Brett Young

ROUNDUP READY SOYBEANS

PS 0074 R2	PRIDE Seeds
PS 0083 R2	PRIDE Seeds
PRO 2525R2	Sevita International
S00-B7	Syngenta Canada
S007-Y4	Syngenta Canada
S00-T9	Syngenta Canada
TH 32004R2Y	Quarry Seeds Ltd.
TH 33004R2Y	Quarry Seeds Ltd.
Sampsa R2	Brett Young
Vito R2	North Star Genetics Manitoba

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 Ltd.	1-888-855-8558
CHS Sunflower	1-701-484-5313
DEKALB	1-800-667-4944
Delmar Commodities	1-888-974-7246
FP Genetics	1-877-791-1045
Hyland Seeds	1-800-265-7403
North Star Genetics Manitoba	1-701-454-6427
DuPont Pioneer	1-800-265-9435
PRIDE Seeds	1-800-265-5280
Crop Production Service (CPS)	1-306-569-5027
Quarry Seeds Ltd.	1-888-274-9243
SeCan	1-800-665-7333
Seeds 2000	1-877-733-3636
Sevita International	1-613-989-5400
Syngenta Canada Inc.	1-877-964-3682

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Growers List



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

1918☼

Winnipeg; Canterra Seeds Ltd. 204-988-9750 C

FLAX

AAC BRAVO☼

Domain; Manness, Ronald & Patricia & Graeme 204-736-2622 S F
Somerset; Sierens, Joseph & Chris 204-744-2883 S F

CDC NEELA☼

Reston; Greig, Fred L. & Fotheringham, John A. (Jack).... 204-877-3813 S
Stonewall; Unger, Ronald K. & Darcy 204-467-8630 S

HANLEY☼

Sanford; Bergen, Edward Harry & Tim 204-736-2278 C
Winnipeg; James, David J. & Dorothy 204-222-8785 C

LIGHTNING☼

Crandall; Doupe, Neil D. 204-562-3632 C
Holland; Zeghers, Donald Edmond 204-526-2145 C
Somerset; Sierens, Joseph & Chris 204-744-2883 C
Wawanesa; Ellis, Warren P. & Simon 204-824-2290 C

PRAIRIE SAPPHIRE☼

Boissevain; Armstrong, Duncan T. & A.J. 204-534-2566 C

WESTLIN 70

Virden; Heaman, Douglas J., Walter, Robert & Kenneth... 204-748-2666 R

MUSTARD

AAC A110☼

Winnipeg; Canterra Seeds Ltd. 204-988-9750 C

SOYBEANS

004R21

Winkler; Delmar Commodity Ltd., R C

29002RR☼

Stonewall; Quarry Grain Commodities Inc. 204-467-8877 C

900Y61☼

Carman; Dyck, Ron A. & Ben 204-626-3283 R
Carman; Mc Knight, H.S.A. (Bud)..... 204-745-2310 C
Domain; Erb, Roland 204-736-2710 R
Graysville; Mc Intosh, Sean 204-828-3330 R
Grosse Isle; Rutherford, Jack A. & Rick 204-467-5613 S F R C
Homewood; Dyck, Glen 204-745-2611 R
Sperling; Colpitts, Brad 204-626-3255 R
Teulon; Kletke, Herbert T. & Helen Eva & Glenn H. 204-886-2822 R

900Y71☼

Grosse Isle; Rutherford, Jack A. & Rick 204-467-5613 S F R

ASTRO R2

Morris; Dueck, Arthur 204-746-2026 R
Stonewall; Quarry Grain Commodities Inc. 204-467-8877 R

BISHOP R2

Arborg; Timchishen, Doanld Victor & Darcy 204-376-5116 R
Morden; Park, Robert J. 204-745-0088 C
Pilot Mound; Wallace, Brad & Joe 204-825-2628 C
Warren; Riddell, Clifford Royden & Craig Thomas 204-227-5679 R

CHADBURN R2

Carman; Menold, Ulrich 204-745-2822 S F
Domain; Johnson, David & Don 204-746-0275 R

SOYBEANS

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Dufrost; Catellier, Patrick Raymond 204-347-5503 R
Hazelridge; Saramaga, Robert P. & Andrew 204-755-2817 C
Morden; Park, Robert J. 204-745-0088 R
Oak Bluff; Anseeuw, Mark J. 204-895-8375 R
Warren; Riddell, Clifford Royden & Craig Thomas 204-227-5679 C
Whittemouth; Klepatz, Wayne 204-348-2294 C

CURRIE R2

Altona; Wiebe, Henry D. & Lloyd 204-324-8036 S F

GRAY R2

Carman; Menold, Ulrich 204-745-2822 S F
Dufrost; Catellier, Patrick Raymond 204-347-5503 R
Morden; Park, Robert J. 204-745-0088 R
Oakville; Miller, Darcy Charles 204-267-2283 R
Portage; Askin, Raymond T. & Jeffrey S. 204-274-2417 R
Stonewall; Unger, Ronald K. & Darcy 204-467-8630 S F R

HS006RYS24

Carman; Smith, Eric James 204-751-0238 R

LS002R23

Winkler; Delmar Commodity Ltd., S F C

LS003R22

Winkler; Delmar Commodity Ltd., C

LS005R22

Winkler; Delmar Commodity Ltd., S C

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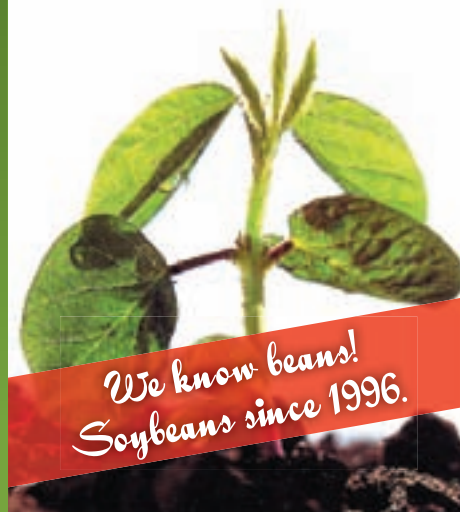


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