Variety Description Key

For the pulse crop types of Fababeans, Field Beans and Lentils, a "CHECK CHARACTERISTICS" box has been placed at the bottom of each table, to display the long term yield, number of site years, maturity and any other check attributes.

For the Field Pea table, a grey box has been placed at the bottom of the table and displays the Grand Mean for Yield (bu/acre) and the corresponding LSD value (p <0.05).

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

"Resistance to" ratings: VG = Very Good; G = Good; F = Fair; P = Poor; VP = Very Poor; "n/a" = not available

In the Fababean, Field Bean and Lentil tables, Site Years Tested is the cumulative number of locations over the years that a variety has been tested either against the check variety. In the Field Pea table, Site Years Tested is the cumulative number of locations over the years that a variety has been tested. 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.

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

Key to 2012 Yield Tables

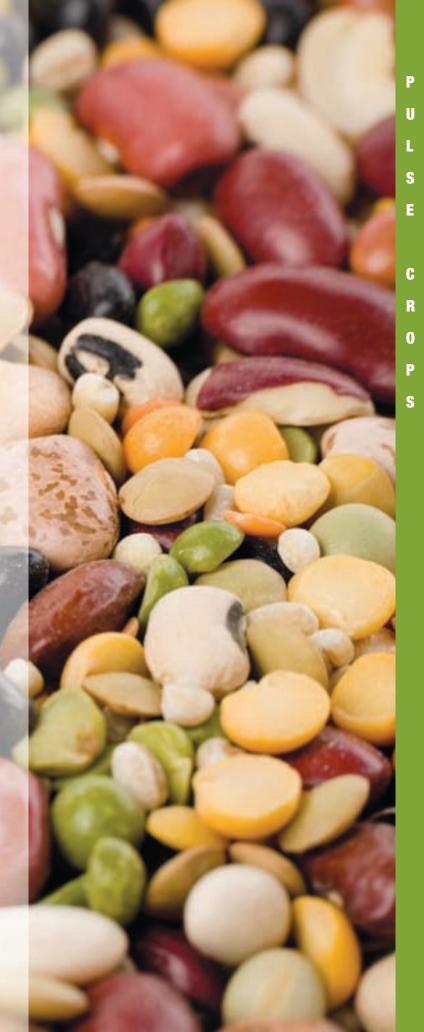
Yields derived over 2 or more growing seasons are the best indicator of variety performance. For new varieties, the average yield over all sites is more reliable than data from a single location. Use single site year data with caution.

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.

Pulse Crops





New variety releases every year make your choices more complicated. Your local seed grower and retailer has the knowledge and experience to help you.



Manitoba Seed Growers' Association Box 121, RR#3, Carman, MB 204-745-6274

www.seedmanitoba.ca

Comments:

The fababean variety trials were tested by MCVET and partially sponsored by the Manitoba Pulse Growers Association.

In 2012, trials were located at Arborg, Melita and Roblin. However, Arborg and Melita trials were lost due to disease and the Roblin trials had excess moisture damage. Data is reprinted from 2011.

Variety Descriptions

Variety	Yield % Check	Site Years Tested	Type ¹	Seed Size TKW (g)	Tan 2011 % of CD Arborg	Yield	Zero Ta 2011 % of Sn Arborg	Yield
CDC Fatima	100	30	Tannin	523	100	100	_	_
Florent®	103	8	Tannin	523	105	117	_	_
Taboar@	95	10	Tannin	471	103	114	_	_
Snowbird@	100	8	Zero Tannin	502	_	_	100	100
Varieties that are being tested or proposed for registration								
FB34-2	93	5	Zero Tannin	347	_	_	93	89
Divine	102	11	Tannin	551	109	111	_	_
Melodie	108	11	Tannin	516	122	128	_	_
CHECK CHARACT	TERISTICS			CDC Fatima (lb/acre)	5345	4545		
CDC Fatima	3628 lb/ac	30 site years		CV %	7.1	6.9		
				LSD %	12	11		
				Sign Diff	Yes	Yes		
				Snowbird (lb/acre)			5439	4909
CDC Snowbird	4927 lb/ac	8 site years		CV %			11.8	4.8
				LSD %			20	8
				Sign Diff			Yes	Yes

¹ Traditionally tannin fababean tan coloured seed coats contain tannins and can't be fed directly to livestock. Zero tannin fababeans have white seed coatsand can be fed directly to livestock.



SEED MANITOBA - 2013 DECEMBER 2012

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FIELD BEANS — Western Manitoba Adaptation Trials (formerly called Narrow Row trials)

Comments:

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Long term yield data and days to maturity are from Manitoba Pulse Growers Association Trials grown in 10 to 12 inch row spacing.

More detailed measurements from the trials are available to MPGA members and will be distributed in the December Special Edition of the Pulse Beat magazine.

Days to maturity is critical. Do not select a variety that will not mature in time, under normal growing conditions. Early fall frost severely affects yield and quality.

Consult your local MASC agent for information on insurability of edible beans in your area.

Variety Descriptions

			Ye	ars Tes	ted		Yield %	Site Years	Days to ¹	Plant ²
Bean Class	Variety	2012	2011	2010	2008	2007	Check	Tested	Maturity	Туре
Small Seede	d Types							% of Envoy		+/- Envoy
Navy	Envoy	Х	Х	Х	Х	Х	100	33	0	1
Navy	Skyline	Х	Х	Х			80	5	3	
Navy	Lightning	Х	Х	Х			117	5	2	II
Navy	OAC Spark	Х	Х				111	5	-4	
Navy	1190m-13	Х	Х				128	5	-4	III
Black	Carman Black	Х	х				146	5	1	II
Black	CDC Jet	X	Х	Х	Х	Х	110	24	2	II
Black	CDC Superjet	Х	Х				86	3	2	II
Black	CDC Blackcomb	Х	Х	Х	Х		132	5	-2	II
Large Seede	d Types						%	of CDC Pintium		+/- CDC Pintium
Pinto	AC Ole		Х	Х	Х		122	11	8	II
Pinto	CDC Pintium	Х	Х	Х	Х	Х	100	33	0	
Pinto	Winchester	Х					105	4	5	II
Pinto	Island	Х	х	Х	Х		118	10	3	II
Pinto	Mariah@	Х	Х	Х			110	5	4	II
Pinto	Winmor	Х	Х	Х	Х		122	7	5	II
Pinto	2537-12	X					87	3	-2	1
Pinto	CDC WM-2®	Х	Х	Х			110	5	4	III
Pink	2171-2		Х				113	2	1	1
Yellow	CDC Sol⊛		Х				110	2	19	
CHECK CHA	RACTERISTICS						Yield	Site	Days to	
	Bean Grouping	1	Ch	eck Va	rieties		(lbs/acre)	Years	Maturity	
	Small seeded			Envoy	,		1778	33	101	
	Large seeded		CI	OC Pint	ium		2008	33	98	

¹ Maturity data provided to compare relative differences among varieties - actual maturity will vary depending on seasonal growing conditions.

FIELD BEANS — Wide Row Trials

Varieties or Lines Tested for the First Time in 2012

Navy: ISB 1815-2, ISB 1816, Pinto: Max, Sequoia, CDC WM-2

Black: CDC Blackcomb Small Red: SR47-3-3

Great Northern: GN13-10-1, 99118 **Light Red Kidney:** 9350, 9351

Comments:

Individual site and more detailed measurements from these trials are available to Manitoba Pulse Growers Association (MPGA) members and are distributed free in the Winter Edition of the Manitoba Pulse Beat to all MPGA members in good standing.

Long term yield data and days to maturity are from Manitoba Pulse Growers Association Trials conducted by Agriculture and Agri-Food Canada. Results are from row crop trials located at Morden, Portage, Carman/Graysville, and Winkler/Plum Coulee sites.

Days to maturity is critical. Do not select a variety that will not mature in time, under normal growing conditions. Early fall frost severely affects yield and quality. Consult your local MASC agent for information on insurability of edible beans in your area.

² Growth Habit: I - determinate bush, II - indeterminate bush, III - indeterminate vine

Variety Descriptions¹

			Years '	Tested			Yield %	Site Years	Days to ² Maturity
MARKET CLASS/Variety	2012	2011	2010	2009	2008	2007	Check	Tested	+/- Check
NAVY							% of Envoy		+/- Envoy
AC Cruiser	х	Х	х	х	х	Х	122	41	5
Cargo	Х	Х	X	Х	X	X	104	37	-1
Envoy	Х	Х	Х	Х	Χ	Х	100	57	0
Galley		Х	Х	Х	Χ	Х	113	22	3
Aspen	Х						120	16	3
HY4181		Х	Х	Х			123	9	2
Lightning	Х	Х	Χ	Х	Х		125	17	1
Portage	Х	Х	х	х			130	13	1
OAC Spark	X	X	X				101	17	-4
T9903	X	X	X	х	х	Х	119	33	1
					Α	^			
T9905	Х	X	X	Х			139	13	5
Varieties that are registered	d in the US	S or bei	ng teste	ed or pro	posed	for registra			
07073		Х					100	4	4
SB 1815-2	х						130	4	1
ISB 1816	Х						128	4	4
Indi	X		х				135	5	4
NA06-002	^	v	^				80	4	5
		Х						4	
PINTO							% of Windbreaker		+/- Windbreaker
AC Ole	Х	Х	Х	Х	Х	X	91	23	-1
AC Pintoba	Х	х	Х	х		Х	94	30	3
CDC WM-2®	X	^	^	^			89	4	0
	^								
Island			Х	Х	Х		83	11	-4
Mariah⊛	Х	Х	Х	Х	Х		93	17	-1
Maverick	Х	Х	Х	Х	Χ	X	90	26	1
Medicine Hat@	х			Х	X		90	16	-4
Winchester		Х					86	4	-2
Windbreaker	Х	X	х	х	х	Х	100	34	0
Max Seguoia	X X						91 84	4 4	4 5
Stampede.				v			92	7	2
	Х			Х					
06185		Х					90	4	3
06189		Х					92	7	2
I- 000 4 00		v	Х						
COD 2824-99	Х	Х					97	10	-1
	X X	X	X				97 100	10 10	
cob 2824-99 GTS 907 La Paz		х	Х	X			100	10	-1 0
GTS 907 La Paz		x x		х			100 96	10 14	-1 0 2
GTS 907 La Paz Sinaloa		x x x	Х	х			100 96 95	10 14 7	-1 0 2 2
GTS 907 La Paz Sinaloa PIN DJ09-1012	Х	x x	Х				100 96 95 103	10 14 7 4	-1 0 2 2 0
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307⊛	x x	x x x	Х	x x			100 96 95 103 102	10 14 7 4 7	-1 0 2 2 2 0 4
	Х	x x x	Х				100 96 95 103	10 14 7 4	-1 0 2 2 2 0 4 -1
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307⊚ C6V-1237	x x	x x x	Х				100 96 95 103 102 93	10 14 7 4 7	-1 0 2 2 2 0 4 -1
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307⊚ C6V-1237 BLACK	x x x	x x x	x x	x	X		100 96 95 103 102 93 % of Eclipse	10 14 7 4 7	-1 0 2 2 0 4 -1 +/- Eclipse
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307 C6V-1237 BLACK Black Violet	x x x	x x x x	x x	x x	x		100 96 95 103 102 93 % of Eclipse 96	10 14 7 4 7 4	-1 0 2 2 0 4 -1 +/- Eclipse
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307 © C6V-1237 BLACK Black Violet Carman Black	x x x	x x x x	x x	x x x			100 96 95 103 102 93 % of Eclipse 96	10 14 7 4 7 4 18	-1 0 2 2 0 4 -1 +/- Eclipse 2
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307 C6V-1237 BLACK Black Violet Carman Black CDC Jet	x x x	x x x x	x x	x x x x	Х	x	100 96 95 103 102 93 % of Eclipse 96 96	10 14 7 4 7 4 18 13 22	-1 0 2 2 0 4 -1 +/- Eclipse 2 1
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307 C6V-1237 BLACK Black Violet Carman Black CDC Jet Eclipse	x x x x x	x x x x x x x x x	x x x x x	x x x		X	100 96 95 103 102 93 % of Eclipse 96 96 96 92 100	10 14 7 4 7 4 18 13 22 22	-1 0 2 2 0 4 -1 +/- Eclipse 2 1 1
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307 C6V-1237 BLACK Black Violet Carman Black CDC Jet Eclipse	x x x	x x x x	x x	x x x x	Х	x	100 96 95 103 102 93 % of Eclipse 96 96 92 100 89	10 14 7 4 7 4 18 13 22	-1 0 2 2 0 4 -1 +/- Eclipse 2 1
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307 C6V-1237 BLACK Black Violet Carman Black CDC Jet Eclipse	x x x x x	x x x x x x x x x	x x x x x	x x x x	Х	X	100 96 95 103 102 93 % of Eclipse 96 96 96 92 100	10 14 7 4 7 4 18 13 22 22	-1 0 2 2 0 4 -1 +/- Eclipse 2 1 1
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307 C6V-1237 BLACK Black Violet Carman Black CDC Jet Eclipse CDC Superjet CDC Blackcomb	x x x x x x x	x x x x	x x x x x x x x	x x x x	X X		100 96 95 103 102 93 % of Eclipse 96 96 92 100 89 87	10 14 7 4 7 4 18 13 22 22 10	-1 0 2 2 0 4 -1 +/- Eclipse 2 1 1 0
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307 C6V-1237 BLACK Black Violet Carman Black CDC Jet Eclipse CDC Superjet CDC Blackcomb Varieties that are registered	x x x x x x x	x x x x x x x x x x x x x	x x x x x x x x	x x x x	X X		100 96 95 103 102 93 % of Eclipse 96 96 92 100 89 87 tion in Canada	10 14 7 4 7 4 18 13 22 22 10 4	-1 0 2 2 0 4 -1 +/- Eclipse 2 1 1 0 1
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307 C6V-1237 BLACK Black Violet Carman Black CDC Jet Eclipse CDC Superjet CDC Blackcomb Varieties that are registered	x x x x x x x	x x x x x x x x x x x x x	x x x x x x x x x	x x x x x	X X		100 96 95 103 102 93 % of Eclipse 96 96 92 100 89 87 tion in Canada	10 14 7 4 7 4 18 13 22 22 10 4	-1 0 2 2 0 4 -1 +/- Eclipse 2 1 1 0 1
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307 C6V-1237 BLACK Black Violet Carman Black CDC Jet Eclipse CDC Superjet CDC Blackcomb Varieties that are registered 04352 06252	x x x x x x x	x x x x x x x x x x x x x x x	x x x x x x x x	x x x x	X X		100 96 95 103 102 93 % of Eclipse 96 96 92 100 89 87 tion in Canada 84 84	10 14 7 4 7 4 18 13 22 22 10 4	-1 0 2 2 2 0 4 -1 +/- Eclipse 2 1 1 0 1
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307 C6V-1237 BLACK Black Violet Carman Black CDC Jet Eclipse CDC Superjet CDC Blackcomb Varieties that are registered 04352 06252	x x x x x x x	x x x x x x x x x x x x x	x x x x x x x x x	x x x x x	X X		100 96 95 103 102 93 % of Eclipse 96 96 92 100 89 87 tion in Canada 84 84	10 14 7 4 7 4 18 13 22 22 10 4	-1 0 2 2 0 4 -1 +/- Eclipse 2 1 1 0 1 4 3 1
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307⊛	x x x x x x x	x x x x x x x x x x x x x x x	x x x x x x x x x	x x x x x	X X		100 96 95 103 102 93 % of Eclipse 96 96 92 100 89 87 tion in Canada 84 84	10 14 7 4 7 4 18 13 22 22 10 4	-1 0 2 2 2 0 4 -1 +/- Eclipse 2 1 1 0 1
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307 C6V-1237 BLACK Black Violet Carman Black CDC Jet Eclipse CDC Superjet CDC Blackcomb Varieties that are registered 04352 06253 Bandit	x x x x x x x	x x x x x x x x x x x x x x	x x x x x x x x x x x x x	x x x x x	X X		100 96 95 103 102 93 % of Eclipse 96 96 92 100 89 87 tion in Canada 84 84	10 14 7 4 7 4 18 13 22 22 10 4	-1 0 2 2 0 4 -1 +/- Eclipse 2 1 1 0 1 4 3 1
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307 C6V-1237 BLACK Black Violet Carman Black CDC Jet Eclipse CDC Superjet CDC Blackcomb Varieties that are registered 04352 06252 06253 Bandit Black Velvet	x x x x x x x	x x x x x x x x x x x x x x	x x x x x x x x x x x x x x x x x x x	x x x x x	X X		100 96 95 103 102 93 % of Eclipse 96 96 92 100 89 87 tion in Canada 84 84 79 75 103	10 14 7 4 7 4 18 13 22 22 10 4	-1 0 2 2 2 0 4 -1 +/- Eclipse 2 1 1 0 1 1 4 3 1 dfm 3 3
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307 C6V-1237 BLACK Black Violet Carman Black CDC Jet Eclipse CDC Superjet CDC Blackcomb Varieties that are registered 04352 06253 Black Velvet PINK	X X X X X X X X A X X A X X X X X X X X	x x x x x x x x x x x x x x x	x x x x x x x x x x x x x x x x x x x	x x x x x x	x x pposed	for registra	100 96 95 103 102 93 % of Eclipse 96 96 92 100 89 87 tion in Canada 84 84 79 75 103 % of ROG 922	10 14 7 4 7 4 18 13 22 22 10 4	-1 0 2 2 0 4 -1 +/- Eclipse 2 1 1 0 1 1 4 3 1 dfm 3
GTS 907 La Paz Ginaloa PIN DJ09-1012 ND 307 C6V-1237 BLACK Black Violet Carman Black CDC Jet Eclipse CDC Superjet CDC Blackcomb Varieties that are registered 04352 06253 Black Velvet PINK Varieties that are registered	X X X X X X X X A X X A X X X X X X X X	x x x x x x x x x x x x x x x	x x x x x x x x x x x x x x x x x x x	x x x x x x x ed or pro	x x pposed	for registra	100 96 95 103 102 93 % of Eclipse 96 96 92 100 89 87 tion in Canada 84 84 79 75 103 % of ROG 922 tion in Canada	10 14 7 4 7 4 18 13 22 22 10 4 4 9 4 6 6	-1 0 2 2 0 4 -1 +/- Eclipse 2 1 1 0 1 1 4 3 1 dfm 3 3 +/- ROG 922
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307 C6V-1237 BLACK Black Violet Carman Black CDC Jet Eclipse CDC Superjet CDC Blackcomb Varieties that are registered 04352 06253 Black Velvet PINK Varieties that are registered	X X X X X X X X A X X A X X X X X X X X	x x x x x x x x x x x x x x x x x x x	x x x x x x x x x x x x x x x x x x x	x x x x x x x ed or pro x	x x pposed	for registra	100 96 95 103 102 93 % of Eclipse 96 96 92 100 89 87 tion in Canada 84 84 79 75 103 % of ROG 922 tion in Canada	10 14 7 4 7 4 18 13 22 22 10 4 4 9 4 6 6	-1 0 2 2 0 4 -1 +/- Eclipse 2 1 1 0 1 1 4 3 1 dfm 3 3 +/- ROG 922
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307 C6V-1237 BLACK Black Violet Carman Black CDC Jet Eclipse CDC Superjet CDC Blackcomb Varieties that are registered 04352 06253 Bandit Black Velvet PINK Varieties that are registered	X X X X X X X X A X X A X X X X X X X X	x x x x x x x x x x x x x x x	x x x x x x x x x x x x x x x x x x x	x x x x x x x ed or pro	x x pposed	for registra	100 96 95 103 102 93 % of Eclipse 96 96 92 100 89 87 tion in Canada 84 84 79 75 103 % of ROG 922 tion in Canada	10 14 7 4 7 4 18 13 22 22 10 4 4 9 4 6 6	-1 0 2 2 0 4 -1 +/- Eclipse 2 1 1 0 1 1 4 3 1 dfm 3 3 +/- ROG 922
GTS 907 La Paz Sinaloa PIN DJ09-1012 ND 307 C6V-1237 BLACK Black Violet Carman Black CDC Jet Eclipse CDC Superjet CDC Blackcomb Varieties that are registered 04352 06252	X X X X X X X X A X X A X X X X X X X X	x x x x x x x x x x x x x x x x x x x	x x x x x x x x x x x x x x x x x x x	x x x x x x x ed or pro x	x x pposed	for registra	100 96 95 103 102 93 % of Eclipse 96 96 92 100 89 87 tion in Canada 84 84 79 75 103 % of ROG 922 tion in Canada	10 14 7 4 7 4 18 13 22 22 10 4 4 9 4 6 6	-1 0 2 2 0 4 -1 +/- Eclipse 2 1 1 0 1 1 4 3 1 dfm 3 3 +/- ROG 922

SEED MANITOBA - 2013 DECEMBER 2012

			Years -	Tested			Yield %	Site Years	Days to ² Maturity
MARKET CLASS/Variety	2012	2011	2010	2009	2008	2007	Check	Tested	+/- Check
Varieties that are registered	l in the U	or bei	ing teste	ed or pro	oposed	for registra	ation in Canada		
SR47-3-3	х		Ū	·	·		113	4	5
09304		х					122	4	7
CRANBERRY							% of Cran 09		+/- Cran 09
Cran 09	Х	Х	Х	Х	Х	Χ	100	44	0
Etna	Х	х	Х	Х	Х	Х	99	36	2
Red Rider		х	Х				87	7	dfm ³
GREAT NORTHERN							% of Beryl		+/- Beryl
Beryl R	Х			Х	Х	Х	100	45	0
Varieties that are registered in the US or being tested or proposed for registration in Canada									
GN13-10-1	Х						85	3	1
99118	Х						94	7	1
DARK RED KIDNEY							% of ROG802		+/- ROG802
ROG802		Х	Х	Х	Х		100	31	0
OAC Redstar		Х	Х				105	7	dfm ³
Varieties that are registered in the US or being tested or proposed for registration in Canada									
Red Rover			Х				67	3	1
LIGHT RED KIDNEY							% of Pink Panther		+/-Pink Panther
Foxfire		Х	Х	Х	Х		94	31	-3
Pink Panther	Х	х	Х	Х	Х		100	34	0
Varieties that are registered	l in the U	or bei	ing teste	ed or pro	oposed	for registra	ation in Canada		
Clouseau	Х		х	·	x		104	6	2
9350	Х						109	3	-1
9351	Х						91	3	-2
WHITE KIDNEY							% of Pink Panther		+/- Pink Panther
GTS 402	Х	Х					87	14	-2
YELLOW							% of Windbreaker		+/- Windbreaker
CDC Sol⊛	Х	х	Х				81	10	6
Varieties that are registered	l in the U	or bei	ing teste	ed or pro	oposed	for registra	ation in Canada		
8560863		х					57	4	dfm ³
					First			Site	
					Year		Yield	Years	Days to
Check Varieties Bea	n Type				Tested		lbs/acre	Tested	Maturity
Envoy Nav	У				1994		2021	57	100
*	o/Yellow				2002		2691	34	97
Eclipse Blac	k				2005		2307	22	100
ROG 922 Pink	(2005		1964	12	100
AC Earlired Sma	all Red				1999		2262	44	94
Cran 09 Crai	nberry				2000		1875	44	99
Beryl R Gre	at Norther	n			2002		2483	45	100
ROG802 Dari	k Red Kidı	ney			1997		1728	31	101
Pink Panther Ligh	t Red Kid	ney/Whi	te Kidne	У	2001		2016	34	100

¹ Long term Average Yield is the best indicator of variety performance. Use single site-year data with caution.

² Due to different weather conditions each year, the actual number of days it takes a variety to fully mature varies from year to year. Choosing a variety that needs a longer growing season than your farm increases your risk of frost damage and lower returns.

³ Indicates variety did not mature in one or more sites.



INTRODUCING ABOVE GROUND PROTECTION IN A SINGLE-BAG REFUGE SOLUTION.

- ✓ No more separate, structured refuge.
- Simple and convenient. Fence row to fence row planting, thanks to single-bag solution.
- 95/5 blend plant the most insect protected acres.
- Roundup Ready Corn 2 Technology for broad-spectrum weed control.



EVERY KERNEL MATTERS TO US, BECAUSE EVERY BUSHEL MATTERS TO YOU.

The lentil variety trial is coordinated with the Saskatchewan Regional Variety testing program; therefore the seed source is the same as used in the Saskatchewan trials.

The lentil variety trial was tested by MCVET and partially sponsored by the Manitoba Pulse Growers Association.

Clearfield lentils are tolerant to the herbicide Odyssey. These varieties are easily identified by the "CL" designation at the end of the name.

Variety Descriptions

		Yield	Site		Resis	stance to			2012 Yield:
		%	Years	Maturity ¹	Asochyta	Anthracnose ¹	Seed Wt	Cotyledon	% of CDC Redberry
Market Class	Variety	Check	Tested	Rating	Blight	Race	(TKW)	Colour	Hamiota
Small green	CDC Imvincible CL	78	9	Early	G	G	35	Yellow	90
	CDC Milestone	89	17	Early	G	VP	37	Yellow	_
	Eston	88	14	Early	VP	VP	33	Yellow	_
Medium green	CDC Imigreen CL	65	9	Medium	G	F	63	Yellow	71
	CDC Impress CL CDC Richlea	71 91	11 14	Medium Medium	G VP	P VP	52 51	Yellow Yellow	81 —
Large green	CDC Greenland	74	14	Med/Late	G	VP	64	Yellow	<u>_</u>
Large green	CDC Impower CL	68	5	Medium	G	P	74	Yellow	_
	CDC Improve CL	77	14	Medium	F	VP	67	Yellow	67
	CDC Plato	77	18	Med/Late	G	Р	62	Yellow	79
	Laird	69	14	Very Late	VP	VP	67	Yellow	_
French green	CDC Peridot CL	81	9	Early	G	Р	40	Yellow	78
Extra small red	CDC Robin	84	17	Early	G	G	30	Red	_
	CDC Impala CL	84	11	Early	G	G	31	Red	84
	CDC Imperial CL	83	15	Early	G	G	30	Red	83
	CDC Redbow	88	8	Early/Med		G	42	Red	_
	CDC Rosebud CDC Rosetown	90 94	8	Early	G	G G	29 31	Red Red	— 104
0			15	Early	G				
Small red	CDC Imax CL CDC Impact CL	85 82	9 14	Medium Early	G G	G P	50 34	Red Red	95
	CDC Impact CL	103	11	Early/Med		G	40	Red	112
	CDC Red Rider	92	5	Early/Med		F	45	Red	_
	CDC Redberry	100	18	Early/Med		G	42	Red	100
	CDC Redcoat	82	8	Early	G	G	40	Red	_
Large red	CDC KR-1	79	8	Medium	G	G	56	Red	
CHECK CHARA	CTERISTICS						CDC Redb	erry (lb/ac)	3222
CDC Redberry		3022	18					CV%	4.1
		lb/ac	site years	S				LSD%	7
								Sign Diff	Yes
								Seeding Date	,
								Harvest Date	24-Sep

¹ Ratings determined in Saskatchewan and may not be accurate under wetter growing conditions present in Manitoba.

DO YOUR VARIETIES MEASURE UP?





SEE FOR YOURSELF



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Variety Code
CDC Saffron CDC 2093-22

Type Yellow **Distributor**Saskatchewan Pulse Growers

Seed Availability

2014

Comments:

The field pea variety trial is coordinated with the Saskatchewan Regional Variety testing program; therefore the seed source is the same as used in the Saskatchewan trials.

Variety Descriptions

									Resista	nce to:			
	Site			Relative ¹	Seed	Green ²			Mycos-			Seed	Seed ⁴
	Years	Yield	Relative ¹	Vine	Size	seed		Powdery	phaerella	Fusarium ³		Coat	Coat
Variety	Tested	bu/acre	Maturity	Length	(TSW)	coats	Lodging	Mildew	blight	Wilt		Breakage	Dimpling
Yellow													
Agassiz®	34	72	E-M	М	230	n/a	G	VG	F	F	n/a	G	n/a
Argus 🕲	14	67	M	M	230	n/a	G	VG	F	F	n/a	F	n/a
Canstar	20	69	E	М	240	n/a	G	VG	Р	G	n/a	G	n/a
CDC Bronco	31	59	M	M	230	G	G	VG	F	F	n/a	G	G
CDC Centennial	20	69	E	M	270	F	F	VG	F	F	n/a	G	G
CDC Golden	39	64	M	M	230	G	G	VG	F	F	n/a	G	G
CDC Hornet	27	67	М	М	220	G	G	VG	F	F	n/a	F	G
CDC Meadow	47	70	E	M	220	G	G	VG	F	F	n/a	G	G
CDC Minuet	22	67	M	М	190	F	F	VG	F	F	n/a	F	G
CDC Mozart	38	67	М	S	220	F	F	VG	F	F	n/a	G	G
CDC Prosper	29	62	Е	M	150	G	G	VG	F	G	n/a	G	F
CDC Saffron	5	66	M	M	250	G	G	VG	F	P	n/a	G	G
CDC Treasure	34	67	E	M	210	G	G	VG	F	G	n/a	F	F
Cutlass	62	65	M	M	220	G	G	VG	F	F	n/a	F	F
DS-Admiral®	20	65	Е	М	240	G	G	VG	F	F	n/a	G	G
Eclipse®	66	68	М	М	250	G	G	VG	F	F	n/a	G	F
FUSION	21	66	M	M	245	n/a	G	VG	Р	Р	n/a	F	n/a
Hugo ⊚	14	67	M	M	220	n/a	G	VG	F	G	n/a	G	n/a
Polstead@	35	67	M	S	280	n/a	G	VG	Р	Р	n/a	F	n/a
Reward®	20	68	M	M	240	n/a	G	VG	F	F	n/a	G	n/a
SW MIDAS®	29	66	Е	M	220	G	G	VG	F	F	n/a	G	G
SW SALUTE	23	66	M	M	220	F	F	VG	F	Р	n/a	F	F
Sorento@	28	67	М	M	260	n/a	F	VG	F	F	n/a	G	n/a
Thunderbird@	26	69	M	M	220	n/a	G	VG	F	F	n/a	G	n/a
Tudor	19	65	M	M	270	F	G	VG	Р	F	n/a	F	G
Green													
CDC Montero	24	63	L	M	230	n/a	F	VG	F	F	F	G	F
CDC Patrick	33	65	M	M	190	n/a	G	VG	F	G	G	G	F
CDC Pluto	9	66	М	M	160	n/a	F	VG	F	F	G	G	n/a
CDC Sage	19	57	М	M	220	n/a	G	VG	F	G	G	G	F
CDC Striker	55	62	M	M	230	n/a	G	Р	F	G	G	VG	G
CDC Tetris	20	66	L	M	210	n/a	G	VG	F	G	G	G	G
COOPER®	47	66	L	M	270	n/a	G	VG	F	F	G	F	G
Nitouche	12	63	M	M	250	n/a	G	Р	Р	Р	G	F	F
Other Pea types													
CDC Rocket (Maple	e) 19	61	M	M	210	G	F	VG	F	n/a	n/a	n/a	G
CDC Dakota (Dun)	14	72	M-L	М	205	n/a	G	VG	F	n/a	n/a	n/a	G
CDC Mosaic (Mapl	e) 14	58	M-L	M	180	n/a	G	VG	F	n/a	n/a	n/a	G
CDC Horizon (Silag	ge)14	60	M	M	170	F	G	VG	F	n/a	n/a	n/a	G
CDC Leroy (Silage)		58	M	M	150	F	G	VG	F	n/a	n/a	n/a	G
CDC Tucker (Silage	•	62	M	M	170	F	G	VG	F	n/a	n/a	n/a	G
Stella (Silage) 💩	13	57	L	M	220	n/a	G	VG	F	F	n/a	G	n/a
GRAND MEAN (bu	ı/acre)	62											

¹ The relative maturity of the variety Cutlass is 99 days (Medium). Please add 3 - 4 days for each rating beyond Medium. The relative vine length for Cutlass is 34 inches (Medium)

² Green seed coats: G = 0-10%; F = 11-25%

³ Varieties which show good disease tolerance to one strain of Fusarium wilt may be susceptible to other strains.

⁴ Seed coat dimpling rating : VG = 0-5%; G = 6-20%; F = 21-50%

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Yield Comparisons

	2012 Average Yield		20	12 Yield (bu/ad	cre)	
Variety	(bu/acre)	Arborg	Boissevain	Hamiota	Melita	Thornhill
Yellow						
Agassiz®	67	52	82	85	47	67
Argus@	67	51	86	80	54	65
CDC Hornet	70	54	84	92	52	68
CDC Meadow	69	58	81	92	53	62
CDC Saffron	68	59	84	79	47	70
CDC Treasure	63	54	86	91	54	32
Cutlass	67	54	86	81	59	55
Hugo®	68	60	82	76	56	65
Sorento®	71	57	85	93	59	60
Green						
CDC Patrick	64	51	85	76	48	62
CDC Tetris	64	54	85	71	42	68
Other						
CDC Dakota	74	52	91	97	51	77
CDC Mosaic	64	52	76	71	51	69
CDC Horizon	63	52	79	72	48	66
Stella®	53	38	69	60	49	52
SITE G	RAND MEAN (bu/acre)	53	83	81	51	62
	CV %	5.5	5.8	4.8	9.0	14.0
	LSD (bu/ac)	5	8	7	8	15
	Sign Diff	Yes	Yes	Yes	Yes	Yes
	Seeding Date	10-May	09-May	15-May	25-Apr	04-May
	Harvest Date	13-Aug	27-Aug	10-Sep	31-Jul	23-Aug

Some things have changed,





some haven't.

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SEED MANITOBA - 2013 DECEMBER 2012

Distributor Contacts for Varieties in Seed Manitoba 2013

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.

FABABEANS	
CDC Fatima	Legumex Walker Canada Inc.
Florent®	Legumex Walker Canada Inc.
Snowbird@	Bob Park
Taboar ®	Terramax Holding Corp.
FIELD BEANS	
NAVY (WHITE)	
AC Cruiser	Hensall District Coop
Aspen	Saskcan Pulse Trading
Cargo	Various Bean Dealers
Envoy	Various Bean Dealers
Galley	AAFC - Harrow

HY4181 Hyland Seeds - Beans Hensall District Coop Lightning OAC Spark University of Guelph Portage CANTERRA SEEDS Skyline® Terramax Holding Corp. T9903 Hyland Seeds - Beans T9905 Hyland Seeds - Beans **PINTO** AC Ole Various Bean Dealers AC Pintoba **CANTERRA SEEDS** CDC Pintium Various Bean Dealers

 Island
 AAFC - Harrow

 Maverick
 Various Bean Dealers

 Mariah ⊕
 CANTERRA SEEDS

 Medicine Hat ⊕
 CANTERRA SEEDS

 Winchester
 Various Bean Dealers

 Windbreaker
 CANTERRA SEEDS

 Winmor
 Viterra - BSC

 BLACK

Black Violet

Carman Black

CDC Blackcomb

CDC Jet

Eclipse

CDC SuperJet

Viterra - BSC

Agriculture and Agri-Food Canada

University of Saskatchewan

Ben Martens Charlois & Seed

Duncan Seeds

CDC SuperJet

Ben Martens Charlois & Seed

University of Saskatchewan

Various Bean Dealers

SMALL RED
AC Earlired Saskcan Pulse Trading
CRANBERRY

Cran 09 Various Bean Dealers
Etna Seminis Vegetable Seeds
Red Rider SeCan

GREAT NORTHERN

Beryl R

DARK RED KIDNEY

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CDC WM-2®

OAC Redstar SeCan LIGHT RED KIDNEY

Foxfire Various Bean Dealers
Pink Panther Various Bean Dealers
WHITE KIDNEY

GTS 402 Various Bean Dealers

YELLOW
CDC Sol

Legumex Walker Canada Inc.

LENTILS

LEITHES	
CDC Greenland	Saskatchewan Pulse Growers
CDC Imax CL	Saskatchewan Pulse Growers
CDC Imigreen CL	Saskatchewan Pulse Growers
CDC Impact CL	Saskatchewan Pulse Growers
CDC Impala CL	Saskatchewan Pulse Growers
CDC Imperial CL	Saskatchewan Pulse Growers
CDC Impower CL	Saskatchewan Pulse Growers
CDC Impress CL	Saskatchewan Pulse Growers
CDC Improve CL	Saskatchewan Pulse Growers
CDC Imvincible CL	Saskatchewan Pulse Growers
CDC KR-1	Saskcan Pulse Trading
CDC Maxim CL	Saskatchewan Pulse Growers
CDC Milestone	Saskatchewan Pulse Growers
CDC Peridot CL	Saskatchewan Pulse Growers
CDC Plato	Saskatchewan Pulse Growers

LENTILS	LΕ	N.	TI	L	S
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CDC Red Rider	Saskatchewan Pulse Growers
CDC Redberry	Saskatchewan Pulse Growers
CDC Redbow	Saskatchewan Pulse Growers
CDC Redcoat	Saskatchewan Pulse Growers
CDC Richlea	Saskatchewan Pulse Growers
CDC Robin	Saskatchewan Pulse Growers
CDC Rosebud	Saskatchewan Pulse Growers
CDC Rosetown	Saskatchewan Pulse Growers

FIELD PEAS

I ILLD I LAG	
Agassiz	CANTERRA SEEDS
Argus 🕲	SeCan
Canstar	Canseed (Canada) Ltd.
CDC Bronco	Saskatchewan Pulse Growers
CDC Centennial	Saskatchewan Pulse Growers
CDC Dakota	Saskatchewan Pulse Growers
CDC Golden	Saskatchewan Pulse Growers
CDC Hornet	Saskatchewan Pulse Growers
CDC Horizon	Saskatchewan Pulse Growers
CDC Leroy	Saskatchewan Pulse Growers
CDC Meadow	Saskatchewan Pulse Growers
CDC Minuet	Saskatchewan Pulse Growers
CDC Montero	Saskatchewan Pulse Growers
CDC Mosaic	Saskatchewan Pulse Growers
CDC Mozart	Saskatchewan Pulse Growers
CDC Patrick	Saskatchewan Pulse Growers
CDC Pluto	Saskatchewan Pulse Growers
CDC Prosper	Saskatchewan Pulse Growers
CDC Rocket	Saskatchewan Pulse Growers
CDC Saffron	Saskatchewan Pulse Growers
CDC Sage	Saskatchewan Pulse Growers
CDC Striker	Saskatchewan Pulse Growers
CDC Tetris	Saskatchewan Pulse Growers
CDC Tucker	Saskatchewan Pulse Growers
CDC Treasure	Saskatchewan Pulse Growers
COOPER®	CANTERRA SEEDS
Cutlass	Saskatchewan Pulse Growers
DS-Admiral®	FP Genetics
Eclipse®	FP Genetics
FUSION	CANTERRA SEEDS
Hugo⊛	Alliance Seed Corporation
Nitouche	FP Genetics
Polstead@	FP Genetics
Reward®	SeCan
Sorento.	FP Genetics
Stella®	Alliance Seed Corporation
SW MIDAS®	FP Genetics
SW SALUTE	FP Genetics
Thunderbird®	CANTERRA SEEDS
Tudor	FP Genetics

DISTRIBUTOR	PHONE NUMBER
AAFC - Harrow	1-519-738-2251
Agriculture and Agri-Food Canada	1-613-773-1000
Alliance Seed Corporation	1-877-270-2890
Ben Martens Charolais & Seed	1-204-534-6952
Bob Park	1-403-782-4821
Canseed (Canada) Ltd	1-780-674-2595
CANTERRA SEEDS	
University of Saskatchewan	1-306-966-5855
Duncan Seeds	
FP Genetics	
Hensall District Coop	1-204-295-3938
Hyland Seeds - beans	
Legumex Walker Canada Inc	1-204-829-2326
Saskatchewan Pulse Growers	
Saskcan Pulse Trading	1-306-525-4490
SeCan	
Seminis Vegetable Seeds	
Terramax Holding Corp	
University of Guelph	
Viterra - BSC	



FABABEANS

FIELD BEANS

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S=Select; F=Foundation; R=Registered; C=Certified; @ Indicates Plant Breeders'

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

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Dauphin; Fisher Seed Farms Ltd204-622-8800	C
Dauphin; Ritchie, John Ross & Raymond	R
Dauphin; Ritchie, Raymond204-638-7543	R

TABASCO

AC OLE Winkler; Ens, Abram E.& Christopher & Friesen, Jake 204-325-4658

CARGO Mac Donald; Adrain, Glen & Gillespie, Gerald G. 204-274-2251

CDC PINTIUM

CDC SOL®

CDC SUPERJET Boissevain; Martens, Ben F. & John J. & Ryan 204-534-6952

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Treherne; Huggart, Ray & Walker, Legumet......204-723-2125

Treherne; Pritchard, Ian & Harvey......204-749-2284

Hensall; Hensall District Co-Operative Inc. 519-262-3002 Mac Donald; Adrain, Glen & Gillespie, Gerald G. 204-274-2251

Hensall; Hensall District Co-Operative Inc. 519-262-3002 Winkler; Ens, Abram E.& Christopher & Friesen, Jake 204-325-4658

Portage; Munro, Clarke Allan & Jared Cory & Trevor Clarke. 204-857-8272

Portage; Sissons, Grant G., Donald Angus & Blye 204-857-7341

Altona; Wiebe, Henry D. & Lloyd

Warren; Riddell, Clifford Royden & Craig Thomas 204-227-5679 S F

Domain; Manness, Ronald & Patricia & Graeme 204-736-	2622	S
Hamiota; Knight, Ronald M. & Jeff204-764-	2450	S

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AGASSIZ®

ABARTH®

Decker; Murray, Donald H. & Ryan204-764-2733	3 8	3	С
Domain; Manness, Ronald & Patricia & Graeme 204-736-2622	2	R	
Glenboro; Jefferies, Ron204-827-2102	2		С
Stonewall; Unger, Ronald K. & Darcy204-467-8630)	R	С
/irden; Heaman, Douglas J., Walter, Robert & Kenneth 204-748-2666	3		С

ARGUS

Domain; Manness	, Clayton & S	cott & Alan.	204-736-2922	R
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CDC MEADOW

Boissevain; Peters, Scott	С
Brandon; Wheat City Seeds Ltd 204-727-3337	С
Brandon; Whetter, Rodney & Darren	R
Foxwarren; Graham, George Arthur204-683-2367	С
Hamiota; Knight, Ronald M. & Jeff204-764-2450	R C
Holland; Kubinec, Anastasia	С
Holland; Patenaude, Donald & Robert	С
Kenton; Stevenson, Robert H. & Sidney H204-838-2012	С
Miniota; Walker, Alan Glen	R C
Oak Lake; Smith, Gerald R.& Leigh E204-855-2808	С
Oak River; Henry, Cameron & Mc Lean, Eric 204-566-2422	С
Reston; Greig, Fred L. & Fotheringham, John A. (Jack) 204-877-3813	С
Rivers; Redsper Ent. Ltd	С

CDC PATRICK

Marquette; Friesen, Paul	204-322-5773	R
Medora; Vandaele, Vernon L	204-665-2384	С

CDC STRIKER

Boissevain; Martens	, Ben F. & John J. & Ryan	204-534-6952
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SW MIDAS®

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