



Varieties of Pulse Crops for Alberta

This publication provides information on pulse variety performance within Alberta and northeastern British Columbia. Important agronomic characteristics and disease resistance information are provided for varieties of field pea, chickpea, lentil, fababean, dry bean and soybean.

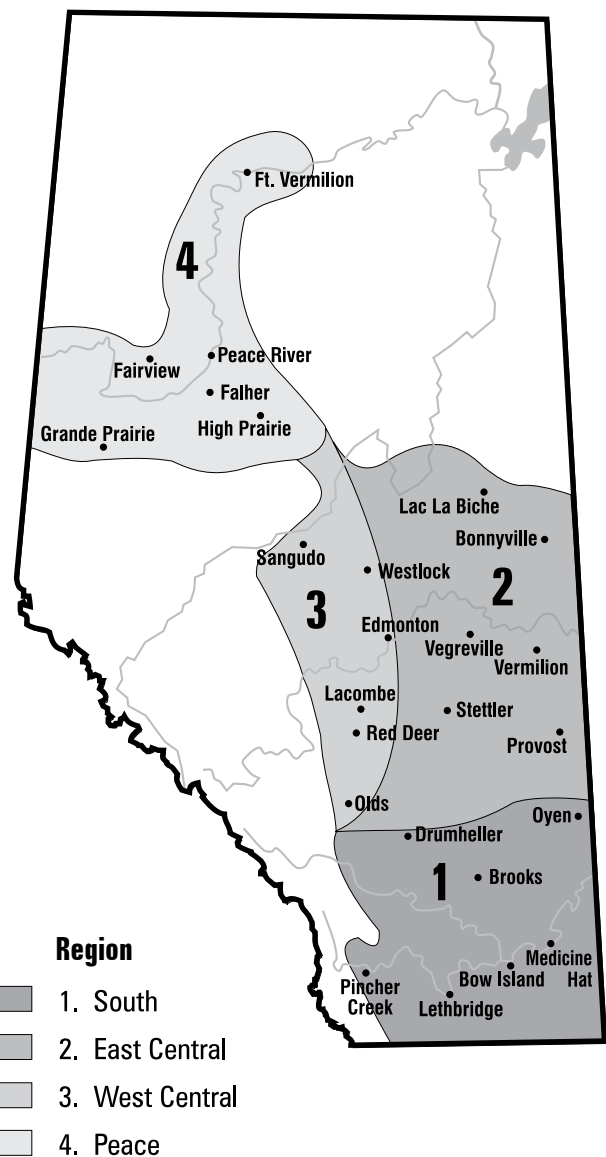
The Alberta Regional Variety Testing program for pulse crops is coordinated by Alberta Pulse Growers Commission (APGC) and Alberta Agriculture and Forestry (AAF). Funding for the program is provided by Agriculture Agri-Food Canada (Growing Forward II), AAF, APGC and entry fees (private companies) for the varieties being tested.

Data for this publication are contributed by numerous applied research associations, Prairie Grain Development Committee and AAF.

Varieties

Variety choice is one of the important decisions any crop producer makes, and the choice should never be based solely on genetic yield potential of a variety. Producers are encouraged to select varieties based on local growing conditions and planned end use.

As well, growers should consider other factors such as plant height, standability (lodging) at physiological maturity and disease/pest resistance when selecting which variety to grow. Using long-term, multi-site data will lead to the selection of the best, yield-stable varieties.



The yield comparison tables in this factsheet have several features:

- Overall actual yield of the standard check (kg/ha) based on all data available to the testing program is provided along with the number of station years of testing.
- Actual yield of the standard check in each growing area for field pea is reported.
- Overage yield of each variety is expressed relative to the standard check.
- Significant statistical differences relative to the standard check are indicated.

Yields that are statistically higher (+) or lower (-) than the check are indicated. No symbol after the yield figure indicates that there is no statistical difference from the check.

Producers should pay particular attention to data on new varieties that have not been fully tested. If a large difference from the check is reported but is not significant, it could mean that yields have varied widely, and/or there are not enough data to prove a statistical difference. With additional years of testing, the reported yield differences will become more accurate.

The following trials were grown in 2015:

- 18 green and yellow pea sites established across Alberta and two sites in north eastern British Columbia
- 4 chickpea trials at Bow Island, Brooks, Lethbridge and Medicine Hat
- 5 lentil trials at Bow Island, Brooks, Lethbridge, Medicine Hat and Oyen
- 3 wide row dry bean trials at Bow Island, Lethbridge and Vauxhall
- a narrow row dry bean in Lethbridge
- 11 fababean and 8 soybean trials established across Alberta

More information

For additional information, including varieties not listed in this factsheet, please call the Alberta Ag-Info Centre toll-free at 310-FARM (3276), or check the Alberta Agriculture and Forestry website at agriculture.alberta.ca/rvt

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FIELD PEA – YELLOW

	Overall Station		South		East Central		West Central		Peace		Agronomic Characteristics				Disease Tolerance: ⁴					
	Overall Yield	Years of Testing	Site Years	Yield (%)	Site Years	Yield (%)	Site Years	Yield (%)	Site Years	Yield (%)	Maturity Rating ¹	Vine Length (cm)	TSW ² (g)	Standability ³ (1 - 9)	Powdery Mildew	Mycosphae-rella Blight	Fusarium Wilt	Seed Coat Breakage	Seed Coat Dimpling ⁵	Green Seed Coat ⁶
Varieties tested in the 2015 trials (Yield and agronomic data only directly comparable to CDC Amarillo)																				
CDC Amarillo (kg/ha)	4910		3336		5534		6962		4669											
CDC Amarillo	100	62	17	100	17	100	10	100	18	100	M	77	224	2.5	VG	F	G	F	F	G
AAC Lacombe ▲	105+	46	13	106+	12	100	7	109	14	107+	M	73	254	2.3	VG	F	P	G	F	G
AAC Peace River	92-	48	13	95	12	88-	7	85	16	97	VE	68	217	3.8	VG	F	F	F	G	G
CDC Inca (A)	103	13	4	110	3	95	2	109	4	101	M	77	233	1.3	VG	F	F	G	G	F
LN4228	91-	30	9	95	7	86	5	92	9	91-	M	62	248	1.6	VG	F	F	F	F	G
Fully tested varieties: 2012 - 2014 (Yield and agronomic data only directly comparable to CDC Meadow)																				
CDC Meadow (Kg/ha)	4982		3740		4762		6350		5189											
CDC Meadow	100	110	22	100	29	100	19	100	40	100	E	81	207	3.6	VG	F	F	G	G	G
Abarth	102	49	13	106	14	103	8	101	14	99	M	77	249	3.6	VG	F	F	F	G	G
CDC Saffron	103	47	13	108	14	101	7	99	13	101	M	84	236	4.3	VG	F	F	G	F	G
Hugo ☉	93-	47	11	102	14	83-	8	91	14	96	M	73	210	5.2	VG	F	F	G	F	F
Stella ☉ NR F	80-	45	11	76-	14	80-	8	84-	12	80-	M	95	213	3.9	VG	F	F	G	G	F
Fully tested varieties: 2003 - 2011 (Yield and agronomic data only directly comparable to Cutlass)																				
Cutlass (kg/ha)☉	4485		3183		3702		5692		4816											
Cutlass☉ †	100	129	23	100	33	100	21	100	52	100	M	72	227	4	VG	F	F	F	F	G
Agassiz ☉	103	43	6	100	9	102	9	102	19	104	M	77	237	2.9	VG	F	F	G	VG	G
Argus ☉ †	105+	33	7	100	9	114+	5	104	12	100	M	89	227	4.1	VG	F	F	F	F	G
CDC Centennial †	100	34	4	95	8	94	9	104	13	102	E	60	260	4.8	VG	F	G	G	G	F
CDC Hornet	107+	43	10	101	12	116+	8	111+	13	102	M	89	215	3.7	VG	F	F	F	F	G
CDC Prosper NR	97-	44	6	93	11	96	9	97	18	99	E	73	150	3.9	VG	F	G	G	F	G
CDC Treasure NR	100	44	6	96	11	105	9	99	18	100	E	80	217	3.4	VG	F	F	G	F	F
DS-Admiral ☉ †	101	50	8	101	10	104	13	98	18	102	M	71	243	3.3	VG	P	F	F	G	F
Eclipse ☉ †	100	79	13	101	18	98	20	99	27	102	M	65	249	2.9	VG	F	F	G	F	G
Polstead ☉ †	101	36	4	96	8	96	9	99	15	105	E	62	263	3.5	VG	P	P	F	VG	F
Reward ☉ †	101	33	4	90	8	105+	9	102	12	102	M	76	249	2.4	VG	F	F	G	VG	F
SW Midas ☉ †	97	46	7	97	10	101	11	91-	18	99	E	66	212	3.1	VG	P	F	G	G	G
Thunderbird	97	37	6	89	9	99	9	99	13	98	M	76	229	2.1	VG	F	F	G	VG	XX
Fully tested varieties: 2000 - 2005 (Yield and agronomic data only directly comparable to Carrera)																				
Carrera (kg/ha)	4126		2317		3151		5098		4681											
Carrera ☉	100	61	11	100	14	100	15	100	21	100	E	55	256	4.6	P	P	F	F	G	XX
CDC Bronco †	100	35	7	87	8	104	8	94	11	110	M	65	217	4	VG	F	F	G	G	G
CDC Golden	103	35	7	97	8	107	8	102	11	105	M	71	224	3.4	VG	F	F	G	G	G
CDC Minuet †	101	47	7	98	12	100	11	92	12	107	M	66	192	4.9	VG	F	F	F	G	F
CDC Mozart †	105	33	5	106	7	107	7	97	14	107	M	63	243	6.1	VG	F	F	G	G	F

Remarks: Stella is a silage type pea; ☉ = Protected by Plant Breeder's Rights (PBR); ▲ = Applied for PBR protection; A = First year entries (2015); NR = Variety not registered with CFIA; F = Forage type; XX = No data available.

¹Maturity: E = early, M = medium, L = Late; ²Thousand Seed Weight: g; ³Standability: 1 = erect, 9 = flat; ⁴Tolerance to: P = poor, F = fair, G = good, VG = very good; ⁵Seed Coat Dimpling: VG = very good (0 - 5%), G = good (6 - 20%), F = fair (21 - 50%); ⁶Green Seed Coat: G = good (0 - 10%), F = fair (11 - 25%).

FIELD PEA – GREEN

Variety	Overall Station		South		East Central		West Central		Peace		Agronomic Characteristics			Disease Tolerance: ⁴						
	Overall Yield	Years of Testing	Site Years	Yield (%)	Site Years	Yield (%)	Site Years	Yield (%)	Site Years	Yield (%)	Maturity Rating ¹	Vine Length (cm)	TSW ² (g)	Standability ³ (1 - 9)	Powdery Mildew	Mycosphae-rella Blight	Fusarium Wilt	Bleaching	Seed Coat Breakage	Seed Coat Dimpling ⁵
Varieties tested in the 2015 trials (Yield and agronomic data only directly comparable to CDC Limerick)																				
CDC Limerick (kg/ha)	4463			3277		5316		5963		4016										
CDC Limerick	100	62	17	100	16	100	10	100	19	100	L	74	211	3	VG	F	F	G	VG	G
AAC Radius	91-	30	8	96	6	89-	5	81-	11	93-	M	71	215	2.8	VG	F	F	G	G	G
AAC Royce (A)	96	13	3	98	2	95	2	83	6	100	M	52	256	2.8	VG	F	F	G	F	F
CDC Greenwater	107+	28	8	109	6	100	5	113	9	107+	L	66	227	2.8	VG	F	G	G	F	F
Fully tested varieties: 2013 - 2014 (Yield and agronomic data only directly comparable to CDC Patrick)																				
CDC Patrick (kg/ha)	4732		4291		4522		6323		4305											
CDC Patrick	100	109	25	100	30	100	16	100	38	100	M	79	187	4.4	VG	F	G	G	G	G
CDC Pluto	96-	52	14	100	14	94	8	85-	16	100	M	82	170	6	VG	F	F	G	G	G
CDC Raezer	105	52	14	95	14	116+	8	98	16	107	M	89	227	4.2	VG	F	G	G	G	G
CDC Tetris	106	52	14	104	14	111+	8	93	16	110+	L	91	215	4.4	VG	F	G	G	G	G
Fully tested varieties: 2004 - 2012 (Yield and agronomic data only directly comparable to Cooper)																				
Cooper (kg/ha)	4763		4191		4016		6015		4835											
Cooper Ⓞ	100	121	21	100	36	100	22	100	42	100	L	77	270	3.5	VG	F	F	G	F	G
CDC Sage	82-	30	3	79	6	82-	8	81-	13	84-	M	75	197	3.3	VG	F	G	G	VG	G
CDC Striker	96-	38	4	96	8	110	5	104	21	89-	M	74	254	2.8	P	F	G	G	G	F
Mendel Ⓞ	91-	37	6	85-	10	95	6	89-	15	91-	M	78	206	3.9	VG	F	F	G	F	G

Remarks: CDC Tetris is an Espace type with blocky seed shape; A = First year entries (2015). Ⓞ = Protected by Plant Breeder's Rights (PBR); XX = No data available; † = Flagged for removal.

¹Maturity: E = Early, M = Medium, L = Late; ²Thousand Seed Weight: g; ³Standability: 1 = Erect, 9 = Flat; ⁴Tolerance to: P = Poor, F = Fair, G = Good, VG = Very Good;

⁵Seed Coat Dimpling: VG = Very Good (0 - 5%), G = Good (6 - 20%), F = Fair (21 - 50%).

DRY BEAN – NARROW ROW

Variety	Type	Overall Station Years of Testing	Overall Yield	Days to Bloom ¹	Days to Maturity	TSW ² (g)	Plant Height	Lodging ³ (1 - 5)	Growth Habit ⁴
AC Black Diamond (kg/ha)			3135						
AC Black Diamond	Black Shiny	19	100	57	103	252	36	2	II
AAC Black Diamond 2	Black Shiny	3	106	60	5	270	33	2	II
CDC Blackcomb	Black Matte	5	79	64	2	189	35	1	II
Island (kg/ha)			4106						
Island	Pinto	9	100	56	103	345	42	3	II
AAC Burdett	Pinto	4	98	58	- 4	376	40	1	II
CDC Marmot	Pinto	4	87	55	- 7	423	35	2	I
CDC WM 2	Pinto	8	80	56	2	350	41	2	II
Medicine Hat	Pinto	7	100	62	3	343	44	2	II
Winchester	Pinto	5	80	58	6	302	45	2	II
AAC Tundra (kg/ha)			4684						
AAC Tundra	Great Northern	5	100	54	99	374	44	2	II
AAC Whitehorse	Great Northern	4	109	53	- 1	396	43	2	II
L10GN821 (A)	Great Northern	1	109	48	- 6	386	51	2	II
AC Polaris	Great Northern	14	76	58	5	329	35	3	II
AC Resolute	Great Northern	16	65	54	0	372	39	2	II
AC Redbond (kg/ha)			2658						
AC Redbond	Small Red	16	100	51	101	296	38	3	II
CDC Sol (kg/ha)			1887						
CDC Sol	Yellow	6	100	59	111	385	33	2	I
Viva (kg/ha)			2380						
Viva	Pink	13	100	52	100	252	30	4	III

Remarks: A = First year entries; ¹Days to bloom from seeding; ²Thousand Seed Weight; ³Lodging: 1 = erect, 5 = flat.
⁴Growth Habit: I = determinate bush, II = indeterminate bush, III = indeterminate prostrate.

DRY BEAN – WIDE ROW

Variety	Type	Overall Station Years of Testing	Overall Yield	Days to Bloom ¹	Days to Maturity	TSW ² (g)	Plant Height	Lodging ³ (1 - 5)	Growth Habit ⁴
AC Black Diamond (kg/ha)			3075						
AC Black Diamond	Black Shiny	37	100	57	102	265	38	2	II
AAC Black Diamond 2	Black Shiny	5	105	58	1	264	38	2	II
CDC Blackcomb	Black Matte	11	79	62	0	178	35	2	II
Island (kg/ha)			3765						
Island	Pinto	18	100	56	99	370	42	3	II
AAC Burdett	Pinto	5	100	55	- 5	364	45	2	II
CDC WM-2	Pinto	14	76	56	1	369	40	3	II
Medicine Hat	Pinto	12	93	61	4	354	42	2	II
Winchester	Pinto	13	85	56	4	337	40	3	II
AAC Tundra (kg/ha)			3562						
AAC Tundra	Great Northern	11	100	52	96	353	42	3	II
AAC Whitehorse	Great Northern	8	96	51	0	376	43	3	II
L10GN821 (A)	Great Northern	2	103	54	- 2	357	53	3	II
AC Polaris	Great Northern	6	107	62	7	300	37	4	II
AC Resolute	Great Northern	8	95	51	2	352	44	3	II
AC Redbond (kg/ha)			3149						
AC Redbond	Small Red	29	100	52	100	319	40	2	II
CDC Sol (kg/ha)			2313						
CDC Sol	Yellow	12	100	55	104	409	33	2	I
Myasi	Yellow	9	89	63	6	350	34	2	I
Viva (kg/ha)			3137						
Viva	Pink	29	100	54	102	258	34	4	III

Remarks: A = First year entries; ¹Days to bloom from seeding; ²Thousand Seed Weight; ³Lodging: 1 = erect, 5 = flat.
⁴Growth Habit: I = determinate bush, II = indeterminate bush, III = indeterminate vine.

LENTIL

Market Class	Variety	Overall Yield	Overall Station Years of Testing	Agronomic Characteristic:					Disease Tolerance. ⁶	
				TSW ² (g)	Plant Height (cm)	Maturity Rating ³	Cotyledon Colour ⁴	Seed Coat Colour ⁵	Ascochyta	Anthraco
Varieties tested in the 2015 trials (Yield and agronomic data only directly comparable to CDC Maxim)										
	CDC Maxim (kg ha⁻¹)	2871								
	CDC Maxim¹	100	21	41	34	E	R	GR	G	G
Extra Small Red	CDC Impala (CL)	93	21	31	34	E	R	GR	G	G
	CDC Rosie	99	11	31	36	EM	R	GR	G	G
	CDC Ruby	90	18	29	32	E	R	GR	G	G
Small Red	CDC Dazil (CL)	98	17	36	35	E-M	R	GR	G	F
	CDC Imax (CL)	101	20	45	37	E-M	R	GR	G	F
	CDC Redcliff	108	15	39	35	E-M	R	GR	G	F
	CDC Scarlet	107	11	40	36	EM	R	GR	G	F
Large Red	CDC KR-1	106	15	53	39	M	R	GR	G	G
Small Green	CDC Imvincible (CL)	98	20	34	36	E	Y	G	G	G
Medium Green	CDC Imigreen (CL)	79	15	59	42	M	Y	G	G	VP
	CDC Impress (CL)	86	15	52	37	M	Y	G	G	P
Large Green	CDC Greenland	88	15	65	38	M-L	Y	G	G	VP
	CDC Impower (CL)	88	15	69	41	ML	Y	G	G	VP
	CDC Improve (CL)	89	15	72	39	M	Y	G	F	VP
Previously tested varieties (Yield and agronomic data only directly comparable to CDC Redberry)										
	CDC Redberry (kg ha⁻¹)	2600								
	CDC Redberry¹	100	25	43	36	E	R	GR	G	G
	CDC Imperial (CL)	90	20	30	36	E	R	GR/BR	G	G
Extra Small Red	CDC Robin	90	13	28	34	E	R	BR	G	G
	CDC Redbow	104	13	32	34	E	R	GR	G	G
	CDC Rosebud	99	13	30	34	E	R	T	G	G
	CDC Rosetown	105	20	31	37	E	R	GR	G	G
Small Red	CDC Blaze	93	7	35	31	E-M	R	GR	G	P
	CDC Cherie	108	3	40	32	E-M	R	G	G	F
	CDC Impact (CL)	85	8	37	34	E	R	GR	G	P
	CDC Redcoat	98	13	42	34	E	R	GR	G	G
	CDC Rouleau	103	3	37	38	M	R	GR	G	G
	Crimson	79	5	34	26	E	Y	BR	VP	VP
Small Green	CDC Milestone	101	13	37	32	E	Y	G	G	VP
	CDC Viceroy	111	7	31	35	E	Y	G	G	G
	Eston	93	3	33	36	E	Y	G	VP	VP
French Green	CDC Peridot (CL)	105	2	38	XX	E	Y	MRB	F	P
Spanish Brown	Pardina	86	2	42	XX	X	Y	GR/DT	VP	VP

Remarks: Weight, diameter and thickness of lentil seeds were dependent upon environmental conditions and agronomic factors.

Note: Yield results for the new varieties (2014) are significantly comparable, due to limited years of testing.

All five trials: Bow Island, Brooks, Lethbridge, Medicine Hat and Oyen were grown in Area 1.

CL= Clearfield variety; XX = No data available.

¹Yields are reported relative to CDC Redberry. CDC Redberry belongs to Small Red Market Class. ²Thousand Seed Weight. ³Maturity: E = Early, M = Medium, L = Late, VL = Very Late. ⁴Cotyledon Color: R = Red, Y = Yellow, G = Green; ⁵Seed Coat Color/Patterns: G = Green, GR = Grey, BR = Brown, FG = French Green, T = Tan, MRB = Marbled, DT = Dotted; ⁶Disease tolerance: VP = Very Poor, P = Poor, F = Fair and G = Good.

F A B A B E A N

Variety	Type	Overall Yield	Overall Station Years of Testing	Relative Maturity ¹	Plant Height (cm)	Thousand Seed Weight (g)	Flower Color ²
Varieties tested in the 2013 - 2015 trials (Yield and agronomic data only directly comparable to Snowbird)							
Snowbird (kg/ha)		5982					
Snowbird ☉	Zero Tannin	100	35	E	91	480	W
Malik	Tannin	94	23	M	84	621	C
Snowdrop ☉	Zero Tannin	88-	23	E	87	351	W
Tabasco	Zero Tannin	85-	15	M	86	374	W
Fully Tested Varieties: 2000-2007 (Yield and agronomic data only directly comparable to Earlibird)							
Earlibird ☉ (kg/ha)¹		5994					
Earlibird † ☉	Tannin	100	12	E	93	522	C
Ben † ☉	Tannin	113+	7	E	101	563	C

Remarks: All colored flower types have seed coats that contain tannins and may be suitable for export food markets if seed size and quality match customer demand. Varieties tested for minimum three years are fully tested.

☉ – Protected by Plant Breeders' Rights (PBR); R – Registered with CFIA. Varieties removed from the table: FB18-20 and Imposa.

† – Flagged for removal..

¹Maturity: E = early, M = medium, ML = medium late, L = late; ²Flower Colour: W = white flower, zero tannin, C = colored flower, tannin.

CHICKPEA

Variety	Type	Overall Station Years of Testing	Overall Yield ¹	Agronomic Characteristic			Tolerance to Ascochyta ⁴
				TSW ² (g)	Maturity Rating ³	Plant Height (cm)	
Varieties tested in the 2015 trials (Yield and agronomic data only directly comparable to CDC Frontier)							
CDC Frontier (kg ha⁻¹)			3809				
CDC Frontier¹	Kabuli	29	100	364	L	43	F
CDC Consul (A)	Desi	4	94	313	M	36	F
CDC Corinne	Desi	14	107	253	M	44	F
CDC Cory	Desi	14	102	282	M	45	F
CDC Palmer (A)	Desi	4	95	424	M	34	F
CDC Vanguard	Desi	16	92	230	ML	42	F
Amit	Kabuli	28	90	268	L	44	F
CDC Alma	Kabuli	18	90	384	ML	38	VP
CDC Leader	Kabuli	14	98	402	ML	40	F
CDC Luna	Kabuli	19	88	377	ML	38	P
CDC Orion	Kabuli	18	95	453	ML	42	P
Previously tested varieties							
CDC Cabri	Desi	25	93	624	E	46	F
CDC Chichi	Kabuli	8	77	343	M	47	P
CDC Chico	Kabuli	8	87	251	E	46	VP
CDC Diva	Kabuli	15	71	447	L	41	F
CDC Xena	Kabuli	15	72	445	L	41	VP
CDC Yuma	Kabuli	15	73	418	L	45	P
Sanford	Kabuli	15	69	407	L	47	VP

Remarks: All four trials: Bow Island, Brooks, Lethbridge and Medicine Hat were grown in Area 1. A = First year entries (2015).

¹Yields are reported relative to CDC Frontier. ²TSW: Thousand Seed Weight. ³Maturity Ratings: E = Early, M = Medium, ML = Medium Late, L = Late; ⁴Tolerance to Ascochyta: VP = Very Poor, P = Poor, F = Fair.

SOYBEAN

Variety	Overall Station Years of Testing	Irrigation		South		East Central		West Central		Peace		Agronomic Characteristic						
		Overall Yield ¹	Site Years	Yield (%)	Site Years	Yield (%)	Site Years	Yield (%)	Site Years	Yield (%)	Site Years	Yield (%)	Days to Flowering	Pod Clearance ²	Plant Height (cm)	Days to Maturity ³	TSW ⁴ (g)	Seeds per Pound
Varieties tested in the 2013 - 2015 trials (Yield and agronomic data only directly comparable to MCLEOD)																		
MCLEOD (kg ha ⁻¹)		3070		3515		2210		2558		1164		1452						
MCLEOD	15	100	11	100	1	100	1	100	1	100	1	100	55	8	64	119	152	2987
22-60	4	107	4	107	XX	XX	XX	XX	XX	XX	XX	XX	49	3	53	118	135	3363
23-11	4	106	4	106	XX	XX	XX	XX	XX	XX	XX	XX	52	4	63	118	131	3466
23-60	4	105	4	105	XX	XX	XX	XX	XX	XX	XX	XX	47	3	67	116	137	3314
900Y61	15	85	11	90	1	99	1	55	1	54	1	67	54	7	56	120	150	3027
Akras	15	112	11	117	1	102	1	76	1	76	1	129	57	11	63	121	137	3314
CFS12.5.01	4	113	4	113	XX	XX	XX	XX	XX	XX	XX	XX	47	6	70	120	154	2948
CFS13.2.01	10	107	8	112	1	93	XX	XX	1	80	XX	XX	54	8	68	123	121	3752
Hero	15	102	11	108	1	103	1	63	1	108	1	77	53	7	65	121	137	3314
NSC Moosomin	15	87	11	78	1	68	1	144	1	152	1	90	53	6	49	115	138	3290
NSC Reston	15	101	11	103	1	78	1	91	1	96	1	121	54	8	61	117	128	3547
NSC Tilston	10	105	8	105	1	98	XX	XX	1	116	XX	XX	50	5	66	119	131	3466
NSC Vito	15	87	11	89	1	87	1	75	1	87	1	83	53	7	71	120	132	3439
NSC Watson	4	100	4	100	XX	XX	XX	XX	XX	XX	XX	XX	46	3	58	112	151	3007
Notus	4	117	4	117	XX	XX	XX	XX	XX	XX	XX	XX	48	3	55	117	166	2735
P001T34	15	73	11	65	1	60	1	71	1	168	1	70	53	5	46	112	136	3338
P002T04	10	96	8	89	1	73	XX	XX	1	170	XX	XX	49	4	56	116	126	3603
P006T78	4	116	4	116	XX	XX	XX	XX	XX	XX	XX	XX	46	4	53	117	154	2948
PRO2525	4	96	4	96	XX	XX	XX	XX	XX	XX	XX	XX	48	4	71	120	162	2802
Pekko	15	95	11	102	1	93	1	50	1	63	1	97	57	9	65	118	130	3492
S0009	4	108	4	108	XX	XX	XX	XX	xx	XX	XX	XX	47	5	60	111	140	3243
S007	4	114	4	114	XX	XX	XX	XX	XX	XX	XX	XX	47	4	60	117	140	3243
TH32004	15	99	11	103	1	97	1	80	1	75	1	102	55	7	62	120	134	3388
TH33003	15	101	11	99	1	83	1	131	1	94	1	122	53	9	66	119	135	3363
TH33005	15	85	11	99	1	51	1	44	1	XX	1	77	56	8	63	123	136	3338
TH35002	10	92	8	99	1	76	XX	XX	1	55	XX	XX	52	5	60	121	128	3547

Remarks: Straight combining is commonly used method of harvest. Swathing soybean can result in excessive field losses (up to 25%) due to shattering. Approximately four beans or one to two pods per square foot represent a yield loss of one bushel per acre. New names: Notus (Aura). Varieties removed from the table: Sampsa, PH14001, PH14002, PH14003. A - first year entries (2015).

¹Yields are reported relative to MCLEOD ²Distance from the ground level to lowest pod. ³Maturity - average days for the Brooks, Bow Island and Medicine Hat trials. ⁴TSW: Thousand Seed Weight.