Varieties of pulse crops for Alberta

2019 Regional variety testing program

MARCH 2020

Alberta

Agriculture and Forestry, Government of Alberta
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Varieties of pulses for Alberta
Agdex 142/32-1
https://open.alberta.ca/dataset/varieties-of-pulse-crops-for-alberta

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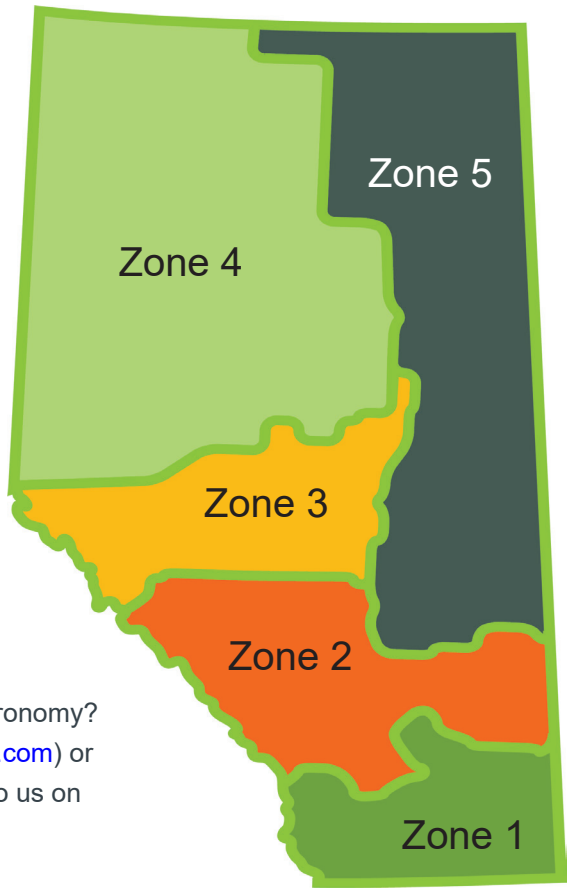
Introduction

One of the pillars of best management practices for every crop is selecting one or more varieties that are well-suited to your growing environment and spread production risk. Following many years of funding regional variety trials (RVTs) across the province, Alberta Pulse Growers (APG) has taken on a more direct role in publishing variety information to ensure Alberta producers continue to have current, pertinent data relevant to their farms.

Each year, the protocols for seeding, weed, insect and disease management, pre-harvest and harvest management are reviewed and standardized to ensure consistency of results. In 2019, 16 seed companies submitted entries for testing at up to 20 locations across Alberta and northern British Columbia. APG, Alberta Seed Growers (ASG), Alberta Seed Processors (ASP) and Alberta Agriculture and Forestry, in partnership with these companies, are pleased to provide these tables to empower farmers to select the best varieties for their operations.

The tables in this publication report the yield data by geographical area (please see the map). Yield of the check variety is indicated in bold, with test varieties reported as a percentage of that check variety. All sites were inspected numerous times during the growing season and the data were statistically analyzed to ensure validity. Please be aware that direct variety comparisons should only be made with the check. This is because the dataset is unbalanced over time, meaning that as new varieties enter the trials, those that have been tested for several years are discontinued. Unfortunately, it is not possible to continue testing all varieties for indefinite lengths of time. Also be aware that these tables are different from those appearing in the Spring 2020 edition of the Alberta Seed Guide, as only those varieties actually tested in 2019 were reported in that issue.



Additional information and specifics on management of the pulse variety trials, including testing site information, can be found on the Alberta Pulse Growers website or on the APG app.

Questions about these charts or general pulse agronomy? Email Nevin Rosaasen (nrosaasen@albertapulse.com) or Jenn Walker (jwalker@albertapulse.com) or talk to us on Twitter @APGResearch and @APGExtension.

FIELD PEA – YELLOW

Variety	Overall Yield	Overall Station Years of Testing	Area: 1 Yield (%)	1 Site Years	2 Yield (%)	2 Site Years	3 Yield (%)	3 Site Years	4 Yield (%)	4 Site Years	5 Yield (%)	5 Site Years	Agronomic Characteristics: Maturity Rating[1]	Vine Length (cm)	TSW[2] (g)	Standability[3] (1 - 9)	Disease Tolerance:[4] Mycosphaerella Blight	Fusarium Wilt	Seed Coat Breakage	Seed Coat Dimpling[5]	Green Seed Coat[6]
New entries* in 2019 trials (Yield and agronomic data only directly comparable to CDC Amarillo)																					
CDC Amarillo (kg/ha)	5230		3799		4774		6529		5420		6192										
CDC Amarillo	100	116	100	18	100	30	100	17	100	25	100	16	M	81	227	2.4	F	G	F	F	G
AAC Aberdeen	103	9	122	2	103	2	91	2	120	1	90	2	M	89	243	2.5	F	F	G	G	G
AAC Ardill	111	9	115	2	103	2	109	2	117	1	114	2	M	85	230	2.4	F	F	G	G	G
AAC Delhi	105	9	106	2	102	2	109	2	117	1	98	2	M	71	288	2.8	F	P	G	F	G
Other entries in 2019 trials (Yield and agronomic data only directly comparable to CDC Amarillo)																					
AAC Barrhead	99	52	96	9	98	12	98	10	104	12	98	9	E	82	233	2.5	F	F	G	G	XX
AAC Chrome	108	38	115	7	109	10	102	7	109	7	106	7	M - L	72	240	2.9	F	P	G	F	G
AAC Lacombe	104	85	107	15	101	25	104	12	106	21	100	12	M	76	258	2.2	F	P	G	F	G
CDC Canary	103	38	103	7	103	10	102	7	103	7	103	7	E	80	241	2.6	F	F	G	F	G
CDC Inca	104	52	102	9	98	12	112	10	105	13	103	8	M	79	231	2.1	F	F	G	G	F
CDC Lewochko	101	24	105	4	99	6	102	5	103	4	99	5	M	89	233	1.6	F	F	G	G	G
CDC Meadow	97	101	100	17	100	28	93	15	97	26	95	15	M	81	205	3.6	F	F	G	G	G
CDC Spectrum	105	38	105	7	101	10	106	7	104	7	109	7	M	78	242	2.1	F	F	G	G	F
LN4228	95	54	93	10	95	13	92	9	96	15	99	7	M	73	254	2.1	F	F	F	F	G
Previously tested varieties (Yield and agronomic data only directly comparable to CDC Amarillo)																					
AAC Carver	105	43	105	7	103	10	104	8	108	11	103	7	E	84	243	2.9	F	F	G	G	G
AAC Peace River	92	49	89	8	94	15	90	5	97	16	82	5	VE	68	217	3.8	F	F	F	G	G
Abarth	98	49	101	8	104	16	83	5	94	14	102	6	M	77	249	3.6	F	F	F	G	G
CDC Athabasca	95	29	92	5	94	8	99	5	95	6	91	5	M	80	284	2.0	F	F	F	F	G
Varieties tested in 2005 - 2014 (Yield and agronomic data only directly compared to CDC Meadow)																					
CDC Meadow (kg/ha)	4982		3793		4567		6266		5189		5175										
CDC Meadow	100	111	100	13	100	21	100	14	100	50	100	13	M	82	208	3.5	F	F	G	G	G
Agassiz	103	22	99	2	103	3	108	2	103	14	104	1	M	75	234	2.4	F	F	G	VG	G
CDC Golden	91	20	86	1	90	1	84	2	92	16	XX	XX	M	76	221	2.5	F	F	G	G	G
CDC Hornet	100	31	105	4	102	8	97	4	100	10	96	5	M	89	209	3.7	F	F	F	F	G
CDC Prosper	93	23	92	1	87	4	91	2	97	13	81	3	E	72	146	3.9	F	G	G	F	G
CDC Saffron	103	47	110	8	104	15	99	5	101	13	99	6	M	84	236	4.3	F	F	G	F	G
CDC Treasure	97	23	103	1	92	4	91	2	99	13	93	3	E	80	213	3.3	F	F	G	F	F

Hugo	93	47	104	7	92	13	92	6	96	14	75	7	M	73	210	5.2	F	F	G	F	F
Stella NR F	80	45	75	7	81	13	83	6	80	12	80	7	M	95	213	3.9	F	F	G	G	F
Thunderbird †	101	16	77	2	107	3	102	2	105	8	101	1	M	73	235	1.6	F	F	G	VG	XX

Remarks: Stella is a silage type pea. All the yellow pea varieties listed in the table are Powdery Mildew resistant except Carrera that is suceptible.

= Protected by PBR (UPOV 78). = Protected by PBR (UPOV 91). * = Varieties with limited results and only one year of testing may exhibit highly variable results. NR = Variety not registered with CFIA. F = Forage type. XX = Insufficient data to describe. [1]Maturity: E = early, M = medium, L = Late. [2]Thousand Seed Weight: g. [3]Standability: 1 = erect, 9 = flat. [4]Tolerance to: P = poor, F = fair, G = good, VG = very good. [5]Seed Coat Dimpling: VG = very good (0 - 5%), G = good (6 - 20%), F = fair (21- 50%). [6]Green Seed Coat: G = good (0 - 10%), F = fair (11 - 25%). † - flagged for possible removal in 2021.

FIELD PEA – GREEN

Variety	Overall Yield	Overall Station Years of Testing	Area: 1 Yield (%)	1 Site Years	2 Yield (%)	2 Site Years	3 Yield (%)	3 Site Years	4 Yield (%)	4 Site Years	5 Yield (%)	5 Site Years	Agronomic Characteristics: Maturity Rating[1]	Vine Length (cm)	TSW[2] (g)	Standability[3] (1 - 9)	Disease Tolerance:[4] Mycosphaerella Blight	Fusarium Wilt	Bleaching	Seed Coat Breakage	Seed Coat Dimpling[5]
Varieties tested in 2019 trials (Yield and agronomic data only directly comparable to CDC Limerick)																					
CDC Limerick (kg/ha)	4779		3559		4583		6062		4723		5686										
CDC Limerick	100	118	100	20	100	36	100	18	100	33	100	11	M	78	211	3.0	F	F	G	VG	G
AAC Comfort	100	42	103	8	103	12	101	6	99	10	96	6	M - L	78	253	3.3	F	F	G	G	F
Blueman	107	42	110	8	108	12	103	6	109	10	103	6	M	81	214	2.6	F	F	G	G	G
CDC Forest	109	42	116	8	111	12	106	6	107	10	105	6	M	81	236	2.2	F	F	G	G	G
CDC Spruce	106	42	103	8	110	12	111	6	102	10	106	6	M	81	254	2.3	F	F	G	G	F
Previously tested varieties (Yield and agronomic data only directly comparable to CDC Limerick)																					
AAC Radius	92	44	94	8	90	10	88	6	94	16	88	4	M	76	217	3.6	F	F	G	G	G
AAC Royce	96	40	106	8	92	8	92	6	98	14	87	4	M	67	247	4.1	F	F	G	F	F
CDC Greenwater	106	42	106	8	109	10	105	6	106	14	97	4	L	74	230	2.8	F	G	G	F	F
Varieties tested in 2013 - 2014 (Yield and agronomic data only directly comparable to CDC Patrick)																					
CDC Patrick (kg/ha)	4732		5083		4543		5591		4305		5060										
CDC Patrick	100	109	100	16	100	34	100	12	100	32	100	14	M	79	186	4.4	F	G	G	G	G
CDC Pluto	96	52	101	8	98	17	81	5	100	16	87	6	M	82	170	6.0	F	F	G	G	G
CDC Raezer	105	52	91	8	107	17	94	5	107	16	118	6	M	89	227	4.2	F	G	G	G	G
CDC Tetris	106	52	102	8	105	17	93	5	110	16	116	6	L	91	215	4.4	F	G	G	G	G
Varieties tested in 2004 - 2012 (Yield and agronomic data only directly comparable to Cooper)																					
Cooper (kg/ha)	4724		4947		4316		5435		4835		4244										
Cooper	100	121	100	18	100	34	100	14	100	36	100	19	L	76	270	3.6	F	F	G	F	G
CDC Sage	82	31	79	3	80	6	84	6	84	13	78	3	M	75	197	3.3	F	G	G	VG	G
CDC Striker	96	39	92	3	115	7	107	4	89	21	92	4	M	72	255	3.0	F	G	G	G	G

Remarks: CDC Tetris is an Espace type with blocky seed shape. All the green pea varieties listed in the table are Powdery Mildew resistant except CDC Striker that is suceptible.

= Protected by PBR (UPOV 78). = Protected by PBR (UPOV 91). XX = Insufficient data to describe.

[1]Maturity: E = Early, M = Medium, L = Late. [2]Thousand Seed Weight, g. [3]Standability: 1 = Erect, 9 = Flat. [4]Tolerance to: P = Poor, F = Fair, G = Good, VG = Very Good. [5]Seed Coat Dimpling: VG = Very Good (0 - 5%), G = Good (6 - 20%), F = Fair (21 - 50%).

DRY BEAN – NARROW ROW

Variety	Type	Site Years 1997 - 2019	Overall Yield	Days to Bloom[1]	Days to Maturity	TSW[2] (g)	Plant Height (cm)	Lodging[3] (1 - 5)	Growth Habit[4]
Varieties tested in 2019 trials (Yield and agronomic data only directly comparable to the check within each type)									
AC Black Diamond (kg/ha)			3291						
AC Black Diamond	Black Shiny	23	100	57	102	259	36	2.3	II
AAC Black Diamond 2	Black Shiny	7	99	60	1	267	32	2.2	II
CDC Blackstrap (A) (91)	Black Matte	3	99	57	-6	240	29	2.3	II
Island (kg/ha)			4409						
Island	Pinto	13	100	56	100	353	40	2.7	II
AAC Expedition	Pinto	2	114	56	-1	435	28	2.9	II
AAC Explorer	Pinto	4	82	54	-6	400	35	1.9	II
CDC WM-2	Pinto	9	86	56	5	355	40	2.4	II
CDC WM-3 (A) (91)	Pinto	1	125	59	1	429	31	1.5	II
AAC Tundra (kg/ha)			4475						
AAC Tundra	Great Northern	9	100	54	96	371	41	2.4	II
AAC Whitehorse	Great Northern	8	108	53	-1	394	41	2.4	II
AAC Whitestar	Great Northern	5	103	48	-4	393	42	2.0	II
AC Resolute	Great Northern	6	97	50	1	368	39	1.9	II
AACY012 (kg/ha)			3842						
AAC Y012	Yellow	2	100	53	96	394	31	1.5	I
AAC Y015	Yellow	2	93	55	2	380	30	1.4	I
AAC Y073 (A)	Yellow	1	72	57	7	434	27	1.5	I
AAC Cranford (kg/ha)			3526						
AAC Cranford (A)	Cranberry	2	100	55	98	561	29	1.2	I
Previously tested varieties (Yield and agronomic data only directly comparable to the checks)									
AC Black Diamond (kg/ha)			3174						
AC Black Diamond	Black Shiny	20	100	57	103	253	36	2.3	II
CDC Blackcomb	Black Matte	6	78	64	1	186	36	1.3	II
Island (kg/ha)			4155						
Island	Pinto	10	100	56	102	344	42	2.7	II
AAC Burdett	Pinto	6	92	58	-4	381	42	1.3	II
CDC Marmot	Pinto	5	89	55	-6	419	34	2.2	II
Medicine Hat (20)	Pinto	8	99	62	4	342	44	2.0	II
Winchester	Pinto	5	80	58	7	302	45	2.1	II
AAC Tundra (kg/ha)			4559						
AAC Tundra	Great Northern	6	100	54	98	365	44	2.4	II
AC Polaris	Great Northern	14	76	58	5	329	35	3.4	II
AC Redbond (kg/ha)			2658						
AC Redbond	Small Red	16	100	51	101	296	38	2.5	II
CDC Sol (kg/ha)			1887						
CDC Sol	Yellow	6	100	59	111	385	33	1.6	I
Viva (kg/ha)			2380						
Viva	Pink	13	100	52	100	252	30	3.5	III

Remarks: A = First year entries (2019), with limited data and only one year of testing these varieties may exhibit highly variable results.

(20) = Protected by PBR (UPOV 78). (91) = Protected by PBR (UPOV 91). XX = Insufficient data to describe. [1]Days to bloom from seeding; [2]Thousand Seed Weight; [3]Lodging: 1 = erect, 5 = flat. [4]Growth Habit: I = determinate bush, II = indeterminate bush, III = indeterminate prostrate.

DRY BEAN – WIDE ROW

Variety	Type	Site Years 1997 - 2019	Overall Yield	Days to Bloom[1]	Days to Maturity	TSW[2] (g)	Plant Height (cm)	Lodging[3] (1 - 5)	Growth Habit[4]
Varieties tested in 2019 trials (Yield and agronomic data only directly comparable to the check within each type)									
AC Black Diamond (kg/ha)			3222						
AC Black Diamond	Black Shiny	45	100	57	102	265	37	2.2	II
AAC Black Diamond 2	Black Shiny	12	102	58	2	256	36	2.3	II
CDC Blackstrap (A)	Black Matte	1	94	62	2	207	23	1.8	II
Island (kg/ha)			3882						
Island	Pinto	26	100	56	99	368	40	3.0	II
AAC Expedition	Pinto	3	84	57	0	382	31	2.6	II
AAC Explorer	Pinto	7	92	55	-2	374	34	2.2	II
CDC WM-2	Pinto	15	78	56	2	369	40	2.5	II
CDC WM-3 (A)	Pinto	1	99	59	4	339	29	2.3	II
AAC Tundra (kg/ha)			3783						
AAC Tundra	Great Northern	18	100	52	96	351	42	2.9	II
AAC Whitehorse	Great Northern	15	97	51	0	374	42	2.8	II
AAC Whitestar	Great Northern	9	97	54	0	370	44	2.9	II
Resolute	Great Northern	15	95	51	1	350	42	2.5	II
AAC Y012 (kg/ha)			3782						
AAC Y012	Yellow	7	100	54	100	397	34	1.5	I
AAC Y015	Yellow	7	87	56	1	397	33	2.3	I
AAC Y073 (A)	Yellow	1	82	58	5	414	27	1.8	I
AAC Cranford (kg/ha)			3197						
AAC Cranford	Cranberry	5	100	56	99	595	32	1.7	I
Previously tested varieties (Yield and agronomic data only directly comparable to the check within each type)									
AC Black Diamond (kg/ha)			3017						
AC Black Diamond	Black Shiny	40	100	57	103	265	38	2.2	II
CDC Blackcomb	Black Matte	11	79	62	0	178	35	1.8	II
Island (kg/ha)			3758						
Island	Pinto	20	100	56	100	369	41	3.0	II
AAC Burdett	Pinto	9	101	55	-6	354	44	2.2	II
Medicine Hat	Pinto	12	93	61	4	354	42	2.4	II
Winchester	Pinto	13	85	56	4	337	40	2.5	II
AAC Tundra (kg/ha)			3570						
AAC Tundra	Great Northern	13	100	52	97	349	42	2.9	II
AC Polaris	Great Northern	6	107	62	7	300	37	4.1	II
AC Redbond (kg/ha)			3149						
AC Redbond	Small Red	29	100	52	100	319	40	2.4	II
CDC Sol (kg/ha)			2350						
CDC Sol	Yellow	14	100	55	104	409	33	1.5	I
Myasi	Yellow	9	89	63	6	350	34	2.1	I
Viva (kg/ha)			3137						
Viva	Pink	29	100	54	102	258	34	3.8	III

Remarks: A = First year entries (2019), with limited data and only one year of testing these varieties may exhibit highly variable results.

= Protected by PBR (UPOV 78). = Protected by PBR (UPOV 91). XX = Insufficient data to describe. [1]Days to bloom from seeding; [2]Thousand Seed Weight; [3]Lodging: 1 = erect, 5 = flat. [4]Growth Habit: I = determinate bush, II = indeterminate bush, III = indeterminate prostrate.

LENTIL

				Area:						Agronomic Characteristics:					Disease Tolerance:[5]	
				1		2		5								
Market Class	Variety	Overall Yield	Overall Station Years of Testing	Yield (%)	Site Years	Yield (%)	Site Years	Yield (%)	Site Years	TSW[1] (g)	Plant Height (cm)	Maturity Rating[2]	Cotyledon Colour[3]	Seed Coat Colour[4]	Ascochyta	Anthracnose
Varieties tested in 2019 trials (Yield and agronomic data only directly comparable to CDC Maxim (CL)																
	CDC Maxim (CL) (kg/ha)	2939		2836		2718		3772								
Small Red	CDC Maxim (CL)	100	41	100	33	100	4	100	4	40	34	E/M	R	GR	G	G
Small Red	CDC Impulse (CL)	102	21	100	13	107	4	101	4	47	36	E/M	R	GR	G	G
Small Red	CDC Proclaim (CL)	100	18	99	10	105	4	98	4	40	35	E/M	R	GR	G	G
Large Green	CDC Lima (CL)	90	12	89	6	107	2	83	4	67	34	M/L	Y	G	G	VP
Previously tested varieties (Yield and agronomic data only directly comparable to CDC Maxim (CL)																
Extra Small Red	CDC Impala (CL)	93	20	93	20	XX	XX	XX	XX	31	35	E	R	GR	G	G
Extra Small Red	CDC Imperial (CL)	82	17	82	17	XX	XX	XX	XX	30	35	E	R	GR	G	G
Extra Small Red	CDC Rosie	97	19	102	17	76	2	XX	XX	30	35	E/M	R	GR	G	G
Extra Small Red	CDC Roxy	99	17	97	11	104	4	103	2	28	33	E/M	R	GR	G	G
Small Red	CDC Dazil (CL)	94	25	93	23	98	2	XX	XX	34	35	E/M	R	GR	G	F
Small Red	CDC Imax (CL)	100	19	100	19	XX	XX	XX	XX	46	37	E/M	R	GR	G	F
Small Red	CDC Redberry	96	17	96	17	XX	XX	XX	XX	44	37	E	R	GR	G	G
Small Red	CDC Redcliff	110	14	110	14	XX	XX	XX	XX	39	36	E/M	R	GR	G	F
Small Red	CDC Scarlet	102	19	105	17	86	2	XX	XX	38	35	E/M	R	GR	G	F
Large Red	CDC KR-1	104	23	104	21	103	2	XX	XX	52	39	M	R	GR	G	G
Small Green	CDC Imvincible (CL)	96	28	96	26	90	2	XX	XX	33	35	E	Y	G	G	G
Small Green	CDC Kermit	103	8	92	4	127	2	103	2	31	32	E/M	Y	G	G	G
Medium Green	CDC Imigreen (CL)	79	14	79	14	XX	XX	XX	XX	61	43	M	Y	G	G	VP
Medium Green	CDC Impress (CL)	85	14	85	14	XX	XX	XX	XX	52	38	M	Y	G	G	P
Large Green	CDC Greenland	88	14	88	14	XX	XX	XX	XX	67	39	M/L	Y	G	G	VP
Large Green	CDC Greenstar	92	9	XX	XX	XX	XX	XX	XX	63	37	M/L	Y	G	G	F
Large Green	CDC Impower (CL)	81	23	81	21	83	2	XX	XX	67	41	M/L	Y	G	G	VP
Large Green	CDC Improve (CL)	84	23	84	21	83	2	XX	XX	71	38	M	Y	G	F	VP

Remarks: Weight, diameter and thickness of lentil seeds were dependent upon environmental conditions and agronomic factors. = Protected by PBR (UPOV 91). CL= Clearfield variety. XX = Insufficient data to describe. [1]Thousand Seed Weight. [2]Maturity: E = Early, M = Medium, L = Late, VL = Very Late. [3]Cotyledon Color: R = Red, Y = Yellow; [4]Seed Coat Color/Patterns: G = Green, GR = Grey; [5]Disease tolerance: VP = Very Poor, P = Poor, F = Fair, G = Good.

FABABEAN

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 2019 trials (Yield and agronomic data only directly comparable to Snowbird)							
Snowbird (kg/ha)		5677					
Snowbird	Low Tannin	100	60	E	89	478	W
219-16	Low Tannin	100	15	E	83	358	W
DL Tesoro	Low Tannin	110	15	M	89	571	W
Fabelle	Tannin	114	25	M	94	534	C
Malik * NR	Tannin	97	48	M	83	632	C
Previously tested varieties: 2013 - 2015 (Yield and agronomic data only directly comparable to Snowbird)							
CDC Snowdrop	Low Tannin	88	23	E	87	351	W
Tabasco	Low Tannin	85	15	M	86	374	W

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. Fabelle is a normal tannin and low vicine-convicine variety. Tannin and low tannin fababean types should be separated by at least 500 meters and up to 2 kilometers to prevent cross-pollination.

= Protected by PBR (UPOV 78). = Protected by PBR (UPOV 91). NR = Variety not registered with CFIA. * Contract Varieties. [1]Maturity: E = early, M = medium, L = late; [2]Flower Colour: W = white flower; C = colored flower.

SOYBEANS

Variety	Overall Yield	Overall Station years of Testing	Irrigation: Yield (%)	Irrigation: Site Years	Agronomic Characteristics: Plant Height (cm)	Relative Days to Maturity[1]	TSW[2] (g)	Seeds per Pound
First year entries* in 2019 trials (Yield and agronomic data only directly comparable to McLeod R2)								
McLeod R2 (kg/ha)	3202		3445					
McLeod R2	100	31	100	26	56	123	156	2910
Amirani R2	99	3	99	3	54	-9	154	2948
Devo R2X	93	3	93	3	58	-3	139	3277
Dinero R2X	95	3	95	3	46	-3	142	3189
Dugaldo R2X	96	3	96	3	55	0	139	3261
Karpo R2	101	3	101	3	54	-6	134	3385
Maxus	95	3	95	3	58	-1	148	3074
PV 15S0009 R2X	85	3	85	3	52	-9	149	3047
Siberia	97	3	97	3	54	0	134	3388
Sunna R2X	96	3	96	3	53	-7	140	3243
PV 18S0009 R2X	89	3	89	3	58	-9	109	4165
Varuna R2	103	3	103	3	48	-9	146	3110
Varieties with second year of testing in 2019 (Yield and agronomic data only directly comparable to McLeod R2)								
Akras R2	109	31	112	26	53	2	147	3088
DKB0005-44	90	8	91	7	49	-4	138	3290
DKB0009-89	93	8	92	7	52	-6	160	2838
NSC Leroy RR2Y	84	12	84	11	57	-10	146	3110
NSC Watson RR2Y	90	16	89	15	54	-11	151	3007
Nocoma R2	91	12	91	11	52	-5	155	2929
S0007-B7X	79	8	78	7	51	-10	141	3220
S0009-M2	97	20	97	19	55	-9	147	3088
S003-Z4X	92	3	92	3	49	-7	160	2838
Torro R2	90	16	89	15	52	-2	141	3220
Previously tested varieties (Yield and agronomic data only directly comparable to McLeod R2)								
900Y61	85	15	90	11	56	1	150	3024
NSC Moosomin RR2Y	87	15	78	11	49	-4	138	3287
NSC Reston RR2Y	101	15	103	11	61	-2	128	3544
Vito R2	87	15	89	11	71	0	132	3436
P001T34R	XX	XX	65	11	46	-9	136	3335
Pekko R2	95	15	102	11	65	0	130	3489
S003-L3	103	13	103	12	55	-7	174	2609
S006-W5	108	13	109	12	54	-5	133	3414
S007-Y4	108	17	108	16	58	-1	150	3027
TH 33003R2Y	102	24	101	19	68	-1	140	3243

Remarks: * = Varieties with limited results and only one year of testing may exhibit highly variable results.
= Protected by PBR (UPOV 78). = Protected by PBR (UPOV 91). XX = Insufficient data to describe. NR = Variety not registered with CFIA. [1]Maturity is reported as +/- days relative to McLeod R2. [2]TSW: Thousand Seed Weight.