

# SOYBEAN

Variety	Overall Yield	Overall Station years of Testing	Irrigation:		Area 5		Agronomic Characteristics:					
			Yield (%)	Site Years	Yield (%)	Site Years	Days to Flowering	Pod Clearance <sup>2</sup> (cm)	Plant Height (cm)	Relative Days to Maturity <sup>3</sup>	TSW <sup>4</sup> (g)	Seeds per Pound
<b>Varieties tested in the 2018 trials (Yield and agronomic data only directly comparable to McLeod)</b>												
McLeod (kg ha <sup>-1</sup> )	3305		3602		2432							
McLeod	100	28	100	23	100	2	55	6	63	123	159	2855
22-60	100	17	100	16	101	1	53	4	52	0	147	3088
Akras	109	28	112+	23	89	2	57	9	63	2	147	3088
CBZ916A2 (A)	92	5	93	4	86	1	56	4	57	-3	153	2967
CFS18.01 (A)	90	5	93	4	75	1	56	4	58	0	147	3088
CFS18.02 (A)	98	5	100	4	91	1	56	3	57	-3	154	2948
CFS18.06 (A)	89	5	93	4	74	1	56	4	70	4	149	3047
CFS18.07 (A)	94	5	92	4	100	1	54	3	57	-5	141	3220
Dario	88-	9	89	8	79	1	53	4	53	-4	138	3290
Dayo (A)	74-	5	76-	4	68	1	57	2	41	-6	140	3243
DKB0005-44 (A)	90	5	91	4	87	1	57	4	54	-4	145	3131
DKB009-89 (A)	97	5	96	4	99	1	56	3	58	-2	164	2768
Nocoma	90-	9	90-	8	85	1	54	6	55	-6	162	2802
NSC Leroy	83-	9	84-	8	79	1	54	4	53	-11	150	3027
NSC Melfort (A)	93	5	94	4	88	1	53	3	57	-5	120	3783
NSC Newton	88-	9	90-	8	67	1	55	5	61	1	158	2873
NSC Redvers (A)	89-	5	93	4	72	1	56	3	57	0	133	3414
NSC Watson	91-	13	90-	12	103	1	53	4	51	-11	156	2910
S0007-B7X (A)	82-	5	81-	4	86	1	55	2	52	-9	138	3290
S0009 - D6	87-	9	87-	8	88	1	53	4	51	-9	132	3439
S0009 - M2	97	17	98	16	82	1	52	5	56	-10	151	3007
S003	103	13	103	12	105	1	53	5	55	-7	174	2609
S006-M4X (A)	98	5	99	4	93	1	55	3	57	0	123	3691
S006-W5	108+	13	109+	12	95	1	52	4	54	-5	133	3414
S007	108+	17	108+	16	116	1	52	5	58	-1	150	3027
S008	107+	9	108+	8	98	1	53	5	59	1	166	2735
TH33003	102	24	101	19	113	2	52	6	68	-1	140	3243
TH87000 (A)	85-	5	84-	4	90	1	53	3	54	-6	122	3721
TH890005 (A)	87-	5	89-	4	82	1	57	3	51	-6	143	3175
Torro	91-	13	90-	12	97	1	52	5	64	-4	149	3047
<b>Previously tested varieties</b>												
900Y61 ☞	XX	XX	90-	11	XX	XX	54	7	56	1	150	3024
NSC Moosomin	XX	XX	78-	11	XX	XX	53	6	49	-4	138	3287
NSC Reston	XX	XX	103	11	XX	XX	54	8	61	-2	128	3544
NSC Vito	XX	XX	89-	11	XX	XX	53	7	71	0	132	3436
P001T34 ☞	XX	XX	65-	11	XX	XX	53	5	46	-9	136	3335
Pekko	XX	XX	102	11	XX	XX	57	9	65	0	130	3489

**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: Mani (CFS17.1.04); NSC Newton (NSC Belmont); Nocoma (CFS17.1.03). Varieties removed from the table: Dylano; DKB0008-39; DKB003-29; Lono; Marduk; NSC Star City; S001; TH37004; TH87003 and TH88005.

Four trials: Bow Island, Brooks Lethbridge and Medicine Hat were grown under irrigation. And one dry land site in Stettler, Area 5. A - first year entries (2018).

<sup>1</sup>Yields are reported relative to McLeod, yields that are statistically higher (+) or lower (-) than the check are indicated. <sup>2</sup>Distance from the ground level to lowest pod tip. <sup>3</sup>Maturity is reported as +/- days relative to McLeod - averaged across the Brooks, Bow Island and Medicine Hat trials. <sup>4</sup>TSW: Thousand Seed Weight.