

Canadian Food-Grade Soybean Database - 2022 Crop Year

Variety	Test Area ⁷	Hilum Colour	Seed Size (g/100 seeds)		Protein (% DM) ¹		Oil (% DM)		Sucrose (% DM)		Oligosaccharides ² (% DM)		Total Free Sugars ³ (% DM)		Total Carbohydrates ⁴ (% DM)		Total Isoflavones ⁵ (ppm) ⁶	
			Average ⁸	Range ⁹	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range
AAC 26-15	MG 2 Early	Y	20.5	19.2 - 21.7	41.7	40.8 - 42.6	21.4	21.2 - 21.7	6.3	6.3 - 6.4	4.8	4.7 - 4.9	11.4	11.3 - 11.5	18.9	18.7 - 19.1	1950	1560 - 2340
AAC 26-15	MG 2 Late	Y	19.0	15.6 - 22.1	40.0	38.2 - 40.9	22.5	22.1 - 23.5	6.1	5.9 - 6.3	5.0	4.9 - 5.2	11.4	11.3 - 11.5	19.1	18.9 - 19.5	1700	1540 - 2090
AAC Big Ben	MG 2 Early	Y	21.5	21.5 - 21.5	41.9	41.5 - 42.3	20.3	20.1 - 20.4	7.0	6.8 - 7.2	4.7	4.6 - 4.8	11.9	11.9 - 11.9	19.6	19.6 - 19.7	2190	1990 - 2400
AAC Big Ben	MG 2 Late	Y	19.7	17.5 - 21.5	40.1	38.9 - 40.7	21.5	21.1 - 22.2	6.6	6.4 - 6.7	4.9	4.7 - 5.0	11.7	11.6 - 11.7	19.6	19.3 - 19.9	1980	1720 - 2210
AAC Hensatto	MG 00	Y	8.4	7.4 - 9.5	40.5	39.1 - 41.5	19.6	19.2 - 20.3	6.0	5.5 - 6.3	5.3	5.0 - 5.7	11.7	11.4 - 12.1	19.7	19.4 - 20.1	1660	1350 - 1910
AAC Hensatto	MG 00 Early	Y	8.2	8.2 - 8.2	40.7	40.7 - 40.7	19.6	19.6 - 19.6	6.2	6.2 - 6.2	5.3	5.3 - 5.3	11.8	11.8 - 11.8	19.5	19.5 - 19.5	2140	2140 - 2140
AAC Kovik	MG 0	Y	21.8	18.7 - 25.3	41.3	40.1 - 42.9	20.6	20.1 - 21.2	6.4	6.2 - 6.5	4.9	4.6 - 5.2	11.6	11.3 - 11.8	19.5	19.4 - 19.8	2670	2530 - 2860
AAC Larkin	MG 0	Y	9.6	8.2 - 10.8	41.2	40.5 - 41.8	19.8	19.3 - 20.1	6.6	6.0 - 7.2	5.3	5.2 - 5.6	12.2	12.0 - 12.7	19.4	19.0 - 19.7	2700	2010 - 3220
AAC McRae	MG 2 Early	Y	24.1	22.8 - 25.3	43.4	42.7 - 44.1	19.9	19.6 - 20.2	6.6	6.6 - 6.7	5.0	4.8 - 5.2	11.7	11.6 - 11.9	18.8	18.6 - 19.0	1990	1690 - 2280
AAC McRae	MG 2 Late	Y	23.6	21.1 - 26.4	42.4	41.6 - 43.2	20.9	20.6 - 21.3	6.3	6.2 - 6.4	5.1	5.0 - 5.3	11.6	11.6 - 11.7	18.6	18.4 - 18.8	1690	1510 - 1790
AAC Shinju	MG 0	Y	10.9	9.1 - 12.4	40.6	39.5 - 41.6	20.3	19.9 - 20.8	6.6	6.3 - 6.9	5.2	5.1 - 5.4	12.2	12.0 - 12.4	19.7	19.6 - 19.9	2430	2220 - 2660
AAC Wigle	MG 2 Early	Y	22.6	21.9 - 23.2	45.1	44.8 - 45.5	19.1	19.0 - 19.1	6.3	6.2 - 6.4	4.8	4.7 - 5.0	11.1	11.1 - 11.2	18.3	18.3 - 18.3	1790	1480 - 2100
AAC Wigle	MG 2 Late	Y	21.3	19.3 - 23.8	44.0	42.9 - 45.1	20.1	19.5 - 20.5	5.9	5.7 - 6.2	4.9	4.6 - 5.2	11.1	10.9 - 11.2	18.2	17.8 - 18.3	1700	1280 - 2060
Abaca	MG 0	IY	20.2	18.8 - 21.5	42.2	41.5 - 42.9	20.3	20.1 - 20.5	6.3	5.5 - 7.0	5.1	5.1 - 5.1	11.7	10.9 - 12.4	19.3	18.8 - 19.8	1490	1120 - 1860
Abaca	MG 00	IY	19.6	17.7 - 21.6	41.7	41.2 - 42.0	20.5	20.0 - 20.9	6.4	5.6 - 7.1	5.0	4.9 - 5.2	11.8	11.3 - 12.4	19.4	18.9 - 20.0	1460	1330 - 1660
Abaca	MG 00 Early	IY	17.0	17.0 - 17.0	40.4	40.4 - 40.4	20.8	20.8 - 20.8	6.9	6.9 - 6.9	5.2	5.2 - 5.2	12.4	12.4 - 12.4	19.9	19.9 - 19.9	1730	1730 - 1730
Abiola	MG 0	IY	20.5	17.8 - 22.6	44.9	44.0 - 45.6	19.3	19.2 - 19.4	6.2	5.5 - 6.7	4.8	4.6 - 4.9	11.1	10.6 - 11.6	18.3	17.7 - 18.9	1770	1310 - 2140
Acora	MG 0	Y	20.4	17.0 - 22.9	41.5	41.1 - 42.0	20.5	20.3 - 20.8	7.3	6.5 - 7.7	4.7	4.6 - 4.9	12.2	11.7 - 12.6	19.7	18.8 - 20.2	2390	2050 - 2620
Acora	MG 1	Y	20.8	18.2 - 23.2	41.0	39.7 - 41.9	21.2	20.6 - 21.5	6.8	6.3 - 7.4	4.7	4.7 - 4.8	11.8	11.2 - 12.3	19.7	19.3 - 20.5	2180	1760 - 2710
Ajico	MG 0	IY	21.7	17.0 - 25.8	42.2	41.5 - 43.4	20.7	20.5 - 20.8	6.5	6.3 - 6.8	4.5	4.3 - 4.8	11.2	10.8 - 11.5	18.7	18.4 - 19.0	3010	2740 - 3510
Alameda	MG 0	IY	18.8	15.8 - 21.1	44.0	43.0 - 45.6	19.6	19.1 - 20.1	6.6	6.3 - 7.0	4.5	4.4 - 4.5	11.2	11.0 - 11.6	18.8	18.5 - 19.2	1790	1650 - 2080
Albenga	MG 0	IY	21.0	17.9 - 23.6	42.9	42.2 - 43.6	19.5	19.3 - 19.6	7.3	6.5 - 8.0	4.6	4.4 - 4.8	12.1	11.5 - 12.7	19.5	18.6 - 20.0	2270	1900 - 2650
Angelica	MG 0	IY	21.9	18.3 - 25.0	42.1	41.5 - 42.7	20.6	20.4 - 20.8	6.9	6.2 - 7.5	4.6	4.4 - 4.8	11.7	11.3 - 12.2	19.4	18.6 - 20.0	2110	1710 - 2530
Apollina	MG 0	IY	21.5	17.1 - 25.2	42.0	41.3 - 42.5	20.3	20.3 - 20.3	6.9	6.3 - 7.3	4.9	4.9 - 5.0	12.1	11.6 - 12.5	19.6	19.0 - 20.1	2090	1670 - 2550
Asahi	MG 0	IY	19.0	15.6 - 21.6	42.4	42.2 - 42.9	20.2	20.0 - 20.5	6.3	5.8 - 6.8	4.9	4.8 - 5.1	11.5	11.1 - 12.1	19.4	18.9 - 19.7	2010	1720 - 2390
Asana	MG 0	Y	21.7	17.9 - 24.6	42.9	42.1 - 43.4	20.5	20.2 - 20.7	6.3	5.8 - 6.6	4.7	4.6 - 4.8	11.2	10.9 - 11.7	18.7	18.0 - 19.1	2060	1980 - 2220
Asana	MG 1	Y	21.5	17.2 - 24.1	42.9	42.5 - 43.2	20.9	20.6 - 21.1	5.8	5.2 - 6.2	4.7	4.7 - 4.7	10.8	10.2 - 11.2	18.4	18.2 - 18.8	1720	1330 - 2190
Atacama	MG 0	IY	19.9	16.4 - 22.3	42.3	41.4 - 43.7	20.5	20.1 - 20.8	6.4	5.9 - 6.9	4.4	4.2 - 4.7	11.1	10.8 - 11.5	18.9	18.6 - 19.2	2450	2080 - 2910
Atena	MG 0	Y	23.0	19.2 - 26.6	43.2	42.6 - 43.9	19.6	19.5 - 19.7	7.5	7.1 - 8.1	4.4	4.3 - 4.7	12.1	11.7 - 12.4	19.4	19.1 - 19.6	2280	1940 - 2660
Atena	MG 1	Y	24.1	20.0 - 26.6	43.5	42.8 - 44.7	19.9	19.2 - 20.3	7.0	6.4 - 7.5	4.5	4.3 - 4.6	11.6	11.1 - 11.9	18.8	18.6 - 19.2	1900	1460 - 2490
Atiron	MG 0	IY	21.3	17.6 - 24.8	48.7	48.3 - 49.3	17.7	17.6 - 17.8	5.4	5.2 - 5.6	4.7	4.6 - 4.9	10.2	10.0 - 10.4	17.2	16.9 - 17.4	1510	1370 - 1700
Atiron	MG 00	IY	19.6	18.5 - 20.6	48.1	47.9 - 48.6	17.9	17.4 - 18.2	5.5	5.2 - 5.8	4.7	4.6 - 4.9	10.4	10.3 - 10.5	17.3	17.1 - 17.4	1430	1270 - 1510
Aurelina	MG 0	IY	21.3	17.4 - 24.7	44.7	44.3 - 45.3	19.8	19.8 - 19.8	5.9	5.5 - 6.1	4.8	4.5 - 4.9	10.9	10.7 - 11.3	18.1	17.9 - 18.2	1600	1390 - 1880

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			Average ⁸	Range ⁹	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range
Aya	MG 0	Y	23.2	19.9 - 26.8	44.0	43.0 - 45.3	19.4	19.1 - 19.7	6.2	5.8 - 6.5	5.0	4.8 - 5.2	11.4	11.3 - 11.6	19.1	18.8 - 19.3	1950	1840 - 2140
Aya	MG 1	Y	23.2	17.9 - 25.7	44.2	42.9 - 45.2	19.6	19.2 - 20.1	5.7	4.9 - 6.5	5.0	4.7 - 5.2	11.0	10.4 - 11.5	18.9	18.4 - 19.4	1800	1410 - 2430
Baffin	MG 0	IY	20.1	18.1 - 22.3	48.5	47.8 - 49.1	18.0	17.8 - 18.1	5.1	4.9 - 5.3	5.1	4.9 - 5.2	10.3	10.0 - 10.7	17.3	17.0 - 17.6	1310	1120 - 1600
Baffin	MG 00	IY	18.7	17.0 - 20.3	48.2	47.7 - 48.8	17.8	17.4 - 18.0	5.1	4.9 - 5.2	5.0	4.8 - 5.1	10.4	10.3 - 10.5	17.2	17.2 - 17.2	1400	1270 - 1580
Baffin	MG 00 Early	IY	16.9	16.9 - 16.9	47.8	47.8 - 47.8	17.8	17.8 - 17.8	5.4	5.4 - 5.4	5.3	5.3 - 5.3	10.8	10.8 - 10.8	17.5	17.5 - 17.5	1500	1500 - 1500
Baltazar	MG 1	IY	21.3	17.5 - 23.8	43.0	42.0 - 43.6	20.9	20.5 - 21.2	5.7	5.0 - 6.2	4.9	4.8 - 5.1	10.9	10.2 - 11.4	18.4	18.2 - 18.9	1700	1230 - 2310
Barton	MG 1	Y	20.1	15.6 - 23.3	42.1	41.2 - 42.6	20.5	20.1 - 21.1	6.4	5.7 - 6.9	4.8	4.5 - 5.1	11.7	10.9 - 12.3	18.9	18.7 - 19.1	2330	1950 - 2720
Candor	MG 1	Y	25.0	21.4 - 27.5	43.2	42.8 - 43.9	19.9	19.4 - 20.7	6.7	6.2 - 7.3	4.6	4.5 - 4.8	11.5	11.0 - 12.0	19.1	18.7 - 19.4	1760	1450 - 2180
Candor	MG 2 Early	Y	24.1	23.9 - 24.2	43.4	42.4 - 44.5	20.3	19.9 - 20.7	6.5	6.2 - 6.8	4.5	4.4 - 4.6	11.1	10.7 - 11.6	18.6	18.2 - 19.0	1490	1120 - 1870
Cypress	MG 0	Y	19.7	16.5 - 23.1	42.2	41.4 - 42.7	20.0	19.9 - 20.2	7.0	6.4 - 7.5	4.7	4.6 - 5.0	12.1	11.8 - 12.4	19.6	19.0 - 19.9	2640	2250 - 3070
DF 155	MG 2 Early	Y	21.6	20.8 - 22.3	42.5	41.2 - 43.8	20.6	20.1 - 21.1	6.3	6.0 - 6.6	4.9	4.8 - 5.0	11.5	10.9 - 12.0	18.8	18.2 - 19.4	2170	1800 - 2550
DF 155	MG 2 Late	Y	19.5	18.0 - 21.6	40.0	38.1 - 41.5	22.2	21.4 - 23.0	6.1	5.9 - 6.4	5.0	4.9 - 5.2	11.5	11.2 - 11.7	19.3	18.7 - 19.8	1990	1590 - 2210
DH530	MG 1	IY	19.8	15.2 - 22.6	40.2	39.1 - 41.8	21.5	20.9 - 21.9	6.8	6.3 - 7.4	4.6	4.3 - 4.7	11.7	11.3 - 12.0	19.7	19.0 - 20.4	2670	2020 - 3440
Dunham	MG 0	IY	22.1	17.8 - 26.1	46.7	46.2 - 47.7	18.7	18.6 - 18.9	5.3	5.1 - 5.5	5.2	5.2 - 5.3	10.5	10.3 - 10.9	17.2	16.9 - 17.5	1440	1170 - 1800
Eider	MG 1	Y	19.7	16.0 - 21.8	43.6	42.8 - 44.2	20.5	20.1 - 20.9	5.4	4.9 - 6.0	5.0	4.6 - 5.2	10.7	10.2 - 11.0	18.2	18.0 - 18.5	1560	1120 - 2270
Ezra	MG 0	Y	21.1	16.8 - 24.7	41.6	40.6 - 42.7	20.5	20.2 - 20.8	6.6	6.1 - 6.9	5.0	4.9 - 5.2	11.8	11.7 - 12.1	19.8	19.5 - 20.0	1880	1740 - 2050
Ezra	MG 1	Y	21.4	16.5 - 24.4	41.7	41.4 - 42.3	20.8	20.5 - 21.1	6.2	5.4 - 7.0	5.0	4.8 - 5.1	11.5	10.9 - 12.0	19.4	19.2 - 19.5	1770	1360 - 2500
Finch	MG 0	Y	19.2	15.8 - 22.3	45.1	44.6 - 45.5	19.2	19.1 - 19.5	5.7	5.5 - 5.9	4.7	4.5 - 4.9	10.5	10.3 - 10.7	17.7	17.3 - 18.0	2420	2130 - 2710
Finch	MG 1	Y	21.1	16.4 - 23.1	44.6	43.8 - 45.4	19.9	19.3 - 20.4	5.3	4.9 - 5.9	4.6	4.4 - 4.8	10.1	9.8 - 10.4	17.6	17.1 - 17.9	2180	1750 - 2920
Forto	MG 1	IY	23.1	19.9 - 25.6	43.2	42.4 - 44.3	20.6	19.9 - 21.4	6.2	5.7 - 6.7	4.5	4.4 - 4.7	11.0	10.4 - 11.3	18.5	18.1 - 19.1	1930	1450 - 2400
Genesis	MG 0	Y	21.4	18.0 - 24.8	41.4	40.7 - 42.5	20.7	20.6 - 20.9	7.2	6.8 - 7.8	4.5	4.3 - 4.7	11.9	11.5 - 12.4	19.4	18.9 - 20.0	1990	1670 - 2340
Haltifo	MG 0	Y	22.0	18.6 - 24.8	44.2	43.6 - 44.6	19.8	19.5 - 20.1	6.4	5.7 - 6.8	4.5	4.3 - 4.7	11.1	10.6 - 11.6	18.5	18.1 - 18.8	1600	1290 - 1870
Hana	MG 0	Y	19.7	16.0 - 22.8	45.2	44.3 - 46.2	19.1	18.9 - 19.5	5.3	5.1 - 5.5	5.0	4.9 - 5.1	10.5	10.3 - 10.8	18.0	17.7 - 18.2	1810	1640 - 2040
Hana	MG 00 Early	Y	16.9	16.9 - 16.9	43.6	43.6 - 43.6	19.7	19.7 - 19.7	5.7	5.7 - 5.7	5.2	5.2 - 5.2	11.2	11.2 - 11.2	18.0	18.0 - 18.0	2270	2270 - 2270
Havane	MG 1	Y	21.4	17.6 - 23.8	40.9	40.4 - 41.7	21.2	21.0 - 21.4	7.3	6.5 - 7.8	4.4	4.2 - 4.5	11.9	11.3 - 12.4	19.4	18.9 - 19.9	1630	1180 - 2070
HDC Blake	MG 1	Y	22.5	16.8 - 27.9	41.7	40.6 - 42.5	20.5	19.8 - 21.6	7.7	7.3 - 8.4	4.3	4.2 - 4.4	12.2	11.8 - 12.8	19.5	19.1 - 20.3	1760	1550 - 2110
HDC Blake	MG 2 Early	Y	22.4	22.2 - 22.5	42.1	41.8 - 42.5	20.8	20.7 - 20.9	7.3	7.2 - 7.4	4.3	4.1 - 4.5	11.8	11.5 - 12.1	18.8	18.8 - 18.9	1570	1330 - 1810
HDC Blake	MG 2 Late	Y	22.5	20.2 - 25.7	41.3	40.1 - 42.8	21.7	20.7 - 22.4	6.9	6.7 - 6.9	4.5	4.4 - 4.5	11.6	11.5 - 11.7	18.7	18.6 - 19.0	1290	990 - 1730
Hickstead	MG 2 Early	Y	22.8	21.9 - 23.7	43.4	42.1 - 44.6	19.8	19.3 - 20.3	7.1	7.0 - 7.2	4.5	4.3 - 4.6	11.8	11.5 - 12.2	19.0	18.5 - 19.4	2750	2210 - 3290
Hickstead	MG 2 Late	Y	20.6	18.7 - 22.3	42.2	41.0 - 42.8	20.9	20.5 - 21.5	6.4	6.1 - 6.6	4.8	4.7 - 4.9	11.5	11.2 - 11.6	18.7	18.5 - 18.9	2360	2080 - 2680
Jago	MG 0	Y	21.0	18.0 - 23.7	42.8	42.0 - 43.3	20.4	20.1 - 20.7	6.8	6.2 - 7.2	4.7	4.6 - 4.8	11.7	11.3 - 12.2	19.0	18.5 - 19.2	1480	1310 - 1760
Jago	MG 00	Y	18.9	17.1 - 20.6	42.6	42.3 - 43.1	20.2	19.7 - 20.5	6.8	6.3 - 7.3	4.7	4.6 - 4.9	11.8	11.6 - 12.1	18.9	18.6 - 19.3	1600	1380 - 1930
Jago	MG 00 Early	Y	18.7	18.7 - 18.7	41.9	41.9 - 41.9	20.3	20.3 - 20.3	7.3	7.3 - 7.3	4.7	4.7 - 4.7	12.3	12.3 - 12.3	19.1	19.1 - 19.1	1710	1710 - 1710

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			Average ⁸	Range ⁹	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range
Jari	MG 0	IY	19.6	16.9 - 22.2	46.6	45.9 - 47.5	18.7	18.6 - 18.7	5.5	5.3 - 5.7	4.9	4.8 - 4.9	10.6	10.2 - 10.8	17.6	17.5 - 17.8	1470	1240 - 1590
Kagawa	MG 0	IY	23.2	19.5 - 26.2	44.2	43.4 - 44.7	19.1	18.9 - 19.3	6.3	6.2 - 6.4	4.7	4.6 - 4.9	11.3	11.0 - 11.5	19.1	18.9 - 19.2	2850	2650 - 3020
Kagawa	MG 1	IY	22.9	19.3 - 24.9	43.9	43.3 - 44.7	19.6	19.1 - 19.9	5.9	5.3 - 6.4	4.8	4.5 - 5.0	11.1	10.5 - 11.3	18.9	18.7 - 19.3	2710	2270 - 3490
Kazart	MG 0	Y	22.7	18.1 - 26.3	42.6	41.9 - 43.3	19.8	19.5 - 20.1	6.7	6.3 - 7.0	4.6	4.5 - 4.7	11.5	11.4 - 11.8	19.3	19.0 - 19.4	1840	1540 - 2050
Kristian	MG 0	IY	23.0	18.5 - 26.0	40.2	39.7 - 40.5	21.6	21.5 - 21.8	6.9	6.1 - 7.6	4.7	4.5 - 4.8	11.9	11.3 - 12.5	19.8	19.2 - 20.3	2210	1590 - 2550
Kyoto	MG 0	Y	20.5	17.5 - 23.7	43.7	43.1 - 44.1	19.8	19.7 - 19.9	6.8	6.5 - 7.0	4.6	4.4 - 4.8	11.7	11.5 - 12.0	18.7	18.2 - 19.0	2280	2050 - 2560
Laurentian	MG 1	Y	10.7	8.5 - 11.6	41.7	40.9 - 42.5	20.1	19.7 - 20.4	5.3	5.1 - 5.5	5.4	5.2 - 5.4	10.9	10.6 - 11.2	18.8	18.3 - 19.2	2690	2410 - 3140
Lindber	MG 0	Y	9.0	7.2 - 10.4	40.9	39.1 - 41.9	19.4	18.8 - 20.2	6.6	6.0 - 7.2	5.3	5.0 - 5.6	12.1	11.6 - 12.7	20.2	19.5 - 20.9	2540	2090 - 3110
Liska	MG 00 Early	IY	17.5	17.5 - 17.5	45.9	45.9 - 45.9	18.3	18.3 - 18.3	5.6	5.6 - 5.6	5.4	5.4 - 5.4	11.3	11.3 - 11.3	18.0	18.0 - 18.0	1580	1580 - 1580
Marula	MG 0	Y	21.9	16.2 - 26.5	43.4	42.8 - 44.5	19.6	19.2 - 20.1	6.4	6.1 - 6.7	5.2	5.0 - 5.3	11.7	11.4 - 12.2	19.3	18.7 - 19.8	1470	1330 - 1750
Marula	MG 1	Y	22.5	17.4 - 26.0	43.5	42.6 - 44.3	20.2	19.9 - 20.4	5.9	5.3 - 6.2	5.0	4.9 - 5.2	11.2	10.7 - 11.5	18.9	18.6 - 19.2	1340	1020 - 1920
Maya	MG 00 Early	IY	17.0	17.0 - 17.0	45.3	45.3 - 45.3	18.0	18.0 - 18.0	6.4	6.4 - 6.4	5.0	5.0 - 5.0	11.6	11.6 - 11.6	19.0	19.0 - 19.0	1650	1650 - 1650
Mozart	MG 0	Y	21.7	17.5 - 24.9	43.2	42.7 - 43.9	19.4	19.2 - 19.7	6.8	6.3 - 7.3	4.7	4.5 - 4.9	11.8	11.6 - 12.2	19.5	19.1 - 19.8	2020	1460 - 2480
Neptune	MG 0	IY	24.9	20.9 - 28.5	42.1	41.6 - 42.9	20.8	20.7 - 20.8	7.1	6.5 - 7.6	4.5	4.4 - 4.7	11.8	11.5 - 12.3	19.2	18.7 - 19.5	2190	1850 - 2470
OAC Aberdeen	MG 1	IY	22.4	18.2 - 25.7	42.8	41.5 - 43.9	20.5	19.8 - 20.8	6.0	5.6 - 6.5	4.8	4.5 - 5.0	11.0	10.6 - 11.5	18.5	17.7 - 19.1	2390	1970 - 3050
OAC Aberdeen	MG 2 Early	IY	19.9	19.7 - 20.0	42.2	41.9 - 42.4	20.7	20.7 - 20.7	6.2	6.1 - 6.2	4.9	4.7 - 5.1	11.4	11.3 - 11.5	18.6	18.5 - 18.8	2450	2440 - 2450
OAC Acclaim	MG 0	IY	22.0	19.2 - 25.2	43.0	42.4 - 43.8	20.1	19.8 - 20.3	5.9	5.5 - 6.1	5.1	4.9 - 5.3	11.3	11.1 - 11.6	18.8	18.2 - 19.1	2370	1940 - 2810
OAC Bruton	MG 2 Early	Y	22.5	21.3 - 23.7	42.1	41.4 - 42.7	20.9	20.8 - 20.9	6.7	6.6 - 6.7	4.4	4.3 - 4.6	11.4	11.2 - 11.7	19.0	18.8 - 19.2	2040	1830 - 2260
OAC Champion	MG 0	IY	20.8	16.9 - 23.7	44.1	43.6 - 45.0	19.9	19.8 - 20.1	5.2	4.9 - 5.7	4.9	4.8 - 5.0	10.4	10.1 - 10.8	18.0	17.8 - 18.2	1300	940 - 1770
OAC Elevation	MG 0	IY	22.9	18.7 - 27.1	45.3	44.3 - 46.6	18.6	18.1 - 19.3	6.4	5.8 - 6.8	4.9	4.8 - 5.0	11.4	11.1 - 11.7	18.5	18.1 - 19.0	2060	1890 - 2340
OAC Elevation	MG 1	IY	23.4	18.4 - 26.0	45.3	44.3 - 46.5	19.1	18.7 - 19.4	5.8	5.2 - 6.4	4.7	4.6 - 4.8	10.7	10.2 - 11.3	18.2	17.8 - 18.7	1850	1520 - 2490
OAC Evolution	MG 0	IY	19.9	16.5 - 22.7	41.2	40.4 - 42.0	20.3	19.9 - 20.8	6.3	5.8 - 6.7	5.0	4.8 - 5.2	11.6	11.4 - 11.9	19.7	19.3 - 19.9	2670	2520 - 2890
OAC Hastings	MG 0	IY	21.2	17.8 - 24.1	43.9	43.3 - 44.9	19.7	19.4 - 20.0	6.2	5.9 - 6.6	4.9	4.8 - 5.0	11.3	11.0 - 11.6	18.6	18.2 - 18.9	1800	1470 - 2140
OAC Kamran	MG 0	IY	21.4	17.2 - 25.0	43.8	43.2 - 44.3	19.8	19.7 - 20.0	6.5	5.9 - 7.1	4.6	4.5 - 4.8	11.3	10.9 - 11.9	18.3	17.7 - 18.7	1990	1320 - 2520
OAC Kent	MG 2 Early	Y	20.9	20.0 - 21.7	41.3	40.1 - 42.6	21.8	21.2 - 22.4	6.2	6.0 - 6.4	4.7	4.6 - 4.7	11.2	10.9 - 11.5	18.5	18.1 - 19.0	1580	1180 - 1980
OAC Lakeview	MG 0	Y	19.8	15.7 - 23.6	40.0	39.5 - 40.8	21.3	21.3 - 21.4	7.2	6.9 - 7.5	4.5	4.2 - 4.8	12.3	12.0 - 12.5	20.1	19.9 - 20.3	2550	2310 - 2860
OAC Malory	MG 1	Y	20.7	16.6 - 22.5	41.9	40.7 - 42.5	20.8	20.3 - 21.2	6.3	5.6 - 7.1	4.8	4.5 - 5.0	11.4	10.7 - 11.9	19.0	18.5 - 19.7	1690	1190 - 2420
OAC Marvel	MG 2 Early	Y	22.5	21.6 - 23.4	43.2	42.6 - 43.7	20.1	20.1 - 20.1	6.5	6.5 - 6.6	5.0	4.9 - 5.1	11.7	11.6 - 11.7	18.7	18.6 - 18.9	1920	1680 - 2160
OAC Marvel	MG 2 Late	Y	21.9	20.0 - 23.7	42.1	41.9 - 42.3	21.0	20.8 - 21.3	6.0	5.9 - 6.2	5.1	5.0 - 5.3	11.4	11.2 - 11.6	18.7	18.6 - 18.8	1570	1360 - 1750
OAC Strive	MG 0	IY	22.5	17.9 - 26.8	44.7	44.1 - 45.2	19.3	19.2 - 19.4	6.5	5.9 - 6.9	4.6	4.4 - 4.8	11.3	11.0 - 11.8	18.3	17.7 - 18.8	1860	1470 - 2300
OAC Wallace	MG 0	BR	19.5	15.6 - 22.8	39.0	38.4 - 40.3	21.7	21.4 - 22.1	6.5	6.0 - 7.1	5.0	4.8 - 5.2	11.8	11.4 - 12.3	20.2	19.8 - 20.6	2760	2520 - 3210
Odessa	MG 1	IY	24.4	20.4 - 26.7	43.9	43.1 - 44.4	20.0	19.8 - 20.2	6.1	5.6 - 6.7	4.7	4.5 - 5.0	10.9	10.4 - 11.3	18.4	18.1 - 18.9	1890	1350 - 2610
P11A10	MG 1	Y	20.6	15.0 - 23.4	40.0	39.4 - 40.8	21.2	20.7 - 21.5	6.9	6.0 - 7.5	4.8	4.5 - 5.0	12.0	11.3 - 12.3	20.0	19.7 - 20.3	2770	2150 - 3580

Canadian Food-Grade Soybean Database - 2022 Crop Year

Variety Name	Test Area ⁷	Hilum Colour	Seed Size (g/100 seeds)		Protein (% DM) ¹		Oil (% DM)		Sucrose (% DM)		Oligosaccharides ² (% DM)		Total Free Sugars ³ (% DM)		Total Carbohydrates ⁴ (% DM)		Total Isoflavones ⁵ (ppm) ⁶	
			Average ⁸	Range ⁹	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range
P21A20	MG 2 Early	Y	19.0	18.2 - 19.7	42.0	41.0 - 43.0	20.7	20.3 - 21.1	6.5	6.5 - 6.5	4.9	4.7 - 5.1	11.7	11.5 - 11.9	19.0	18.8 - 19.2	2470	2340 - 2600
Panorama	MG 0	Y	21.4	17.6 - 25.6	44.9	44.1 - 46.3	18.9	18.8 - 19.0	5.9	5.7 - 6.2	4.8	4.7 - 5.0	10.9	10.6 - 11.2	18.3	18.1 - 18.7	1450	1270 - 1800
Panorama	MG 00	Y	18.5	16.5 - 20.3	43.5	43.3 - 43.7	19.3	19.2 - 19.5	6.1	5.8 - 6.6	4.8	4.6 - 5.0	11.3	11.1 - 11.5	18.5	18.2 - 18.9	1450	1250 - 1580
S03-P4	MG 0	IY	21.0	17.3 - 23.9	44.4	43.7 - 44.8	20.2	20.1 - 20.5	6.3	5.7 - 6.9	4.6	4.6 - 4.7	11.1	10.6 - 11.8	17.8	17.3 - 18.2	1460	1280 - 1790
S04-K9	MG 0	Y	23.3	18.5 - 27.9	45.2	44.5 - 46.5	18.8	18.6 - 19.1	6.1	5.6 - 6.5	4.8	4.6 - 5.0	11.0	10.8 - 11.4	18.5	18.3 - 18.8	2160	1790 - 2580
S07-M8	MG 0	IY	22.0	17.2 - 26.5	43.4	42.9 - 44.0	19.7	19.6 - 19.8	7.2	6.7 - 7.7	4.3	4.2 - 4.6	11.6	11.4 - 12.0	19.0	18.5 - 19.4	2440	2030 - 2980
S10-R2	MG 0	Y	19.2	16.0 - 22.3	43.7	42.8 - 44.5	19.0	18.9 - 19.3	6.3	5.9 - 6.6	4.9	4.8 - 5.2	11.4	11.3 - 11.6	19.2	18.7 - 19.5	2190	1660 - 2700
S10-R2	MG 1	Y	19.8	16.2 - 22.4	43.0	42.2 - 43.6	19.8	19.3 - 20.0	6.2	5.7 - 6.7	4.8	4.7 - 4.9	11.3	10.8 - 11.7	19.2	18.7 - 19.8	2220	1680 - 2930
S12-J7	MG 1	Y	22.8	18.1 - 26.1	43.5	42.5 - 45.1	20.0	19.0 - 20.5	5.8	5.3 - 6.4	4.8	4.5 - 5.1	10.9	10.6 - 11.3	18.7	18.5 - 19.2	2270	1820 - 2820
S14-H3	MG 1	IY	22.7	18.6 - 24.1	43.2	42.3 - 44.1	19.8	19.2 - 20.3	7.0	6.5 - 7.5	4.6	4.3 - 4.8	11.9	11.5 - 12.4	19.3	19.2 - 19.6	2240	1460 - 2980
SG 2311	MG 2 Early	Y	20.3	20.0 - 20.6	41.6	40.0 - 43.1	20.7	20.0 - 21.4	7.4	7.0 - 7.7	4.7	4.5 - 4.8	12.3	11.8 - 12.8	19.5	19.1 - 19.9	1610	1340 - 1880
SG 2311	MG 2 Late	Y	19.8	17.1 - 22.8	40.0	38.9 - 40.7	21.9	21.5 - 22.6	7.2	7.0 - 7.4	4.8	4.7 - 5.1	12.3	12.2 - 12.4	19.8	19.3 - 20.0	1460	1270 - 1640
Siberia	MG 00 Early	IY	15.9	15.9 - 15.9	40.0	40.0 - 40.0	20.3	20.3 - 20.3	7.2	7.2 - 7.2	5.2	5.2 - 5.2	12.8	12.8 - 12.8	19.8	19.8 - 19.8	2570	2570 - 2570
Skyline	MG 0	Y	18.8	15.8 - 22.3	44.2	42.7 - 46.0	19.8	19.3 - 20.5	5.7	5.4 - 6.1	4.9	4.8 - 5.2	10.7	10.3 - 11.0	18.2	17.9 - 18.7	1720	1600 - 1920
Skyline	MG 1	Y	20.1	15.7 - 22.5	43.9	43.0 - 45.2	20.4	19.7 - 20.8	5.4	5.1 - 6.1	4.9	4.6 - 5.1	10.7	10.3 - 11.0	17.9	17.7 - 18.3	1610	1160 - 2310
Taku	MG 1	Y	19.8	16.9 - 21.3	41.5	41.0 - 42.0	20.6	20.3 - 21.1	6.4	5.9 - 7.2	4.7	4.4 - 5.0	11.5	10.9 - 11.9	19.3	18.9 - 19.8	3330	2640 - 4410
Zana	MG 1	Y	19.9	16.2 - 21.7	40.5	39.9 - 41.4	20.4	20.0 - 20.9	7.2	6.7 - 7.9	5.1	4.9 - 5.2	12.6	12.1 - 13.1	20.3	19.8 - 20.9	2630	1970 - 3570

Footnotes to Tables:

¹% of dry matter basis. To convert from composition on a dry matter basis to composition at 13% moisture, multiply the value by 0.87.

²stachyose and raffinose

³includes all soluble sugars

⁴includes soluble and non-soluble sugars

⁵the sum of genistein, daidzein and glycitein aglycone equivalents

⁶parts per million (equivalent to mg/kg or µg/g)

⁷maturity group for the test sites at which the variety was grown

⁸averaged across all test sites where the variety was grown

⁹minimum and maximum values across all of the test sites where the variety was grown