

Canadian Food-Grade Soybean Database - 2021 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	23.0	20.2 - 25.1	44.0	42.1 - 45.5	20.9	20.4 - 21.7	5.6	5.2 - 5.9	4.6	4.4 - 4.8	10.4	10.1 - 10.6	18.0	17.7 - 18.6	1410	1260 - 1610
AAC 26-15	MG 2 Late	Y	21.1	19.0 - 22.9	43.1	42.4 - 44.1	21.7	21.3 - 22.3	5.5	5.3 - 5.7	4.6	4.4 - 4.7	10.2	10.1 - 10.3	18.3	18.1 - 18.4	1310	1180 - 1540
AAC Big Ben	MG 2 Early	Y	22.5	20.9 - 24.3	42.9	42.4 - 43.4	20.5	20.4 - 20.7	6.2	5.9 - 6.5	4.5	4.3 - 4.6	10.9	10.7 - 11.2	18.9	18.6 - 19.1	1840	1580 - 2100
AAC Big Ben	MG 2 Late	Y	21.0	20.2 - 21.7	42.9	41.7 - 43.8	20.8	20.1 - 21.5	5.8	5.7 - 5.8	4.6	4.5 - 4.7	10.6	10.5 - 10.7	18.7	18.4 - 19.0	1550	1360 - 1680
AAC Hensatto	MG 0	Y	10.6	7.8 - 16.5	41.2	40.6 - 41.6	20.4	19.9 - 20.7	5.6	5.1 - 6.0	5.1	4.8 - 5.3	10.9	10.5 - 11.2	19.1	18.6 - 19.7	1650	1180 - 2130
AAC Hoshi	MG 0	Y	11.8	9.8 - 15.6	42.6	42.1 - 43.2	20.7	20.7 - 20.8	5.6	5.0 - 6.2	4.8	4.5 - 5.0	10.7	10.3 - 11.1	18.3	17.8 - 18.6	2040	1630 - 2480
AAC Kovik	MG 0	Y	22.0	20.2 - 23.8	41.4	40.7 - 42.0	21.6	21.0 - 22.1	5.9	5.4 - 6.4	4.7	4.6 - 4.8	11.0	10.6 - 11.4	19.0	18.7 - 19.3	2420	1810 - 3110
AAC Larkin	MG 0	Y	10.5	8.7 - 13.7	41.3	40.4 - 41.7	21.0	20.6 - 21.2	5.8	5.3 - 6.3	5.1	5.0 - 5.3	11.3	10.9 - 11.7	18.8	18.2 - 19.3	2430	1790 - 3130
AAC McRae	MG 2 Early	Y	23.7	19.5 - 26.1	44.8	44.3 - 45.4	20.2	20.0 - 20.3	5.9	5.4 - 6.3	4.7	4.5 - 5.1	10.8	10.4 - 11.1	18.0	17.5 - 18.4	1460	1210 - 1720
AAC McRae	MG 2 Late	Y	24.5	23.2 - 26.1	43.8	42.9 - 44.3	20.9	20.7 - 21.4	5.5	5.4 - 5.6	4.8	4.6 - 4.9	10.5	10.5 - 10.6	18.1	17.8 - 18.5	1370	1300 - 1410
AAC Shinju	MG 0	Y	12.1	10.6 - 15.5	41.1	40.6 - 41.6	21.5	21.0 - 21.9	5.8	5.3 - 6.3	4.9	4.7 - 5.2	11.2	10.8 - 11.4	18.8	18.2 - 19.3	1870	1500 - 2310
AAC Talbot	MG 1	Y	25.1	22.4 - 26.9	44.5	43.3 - 45.3	19.6	19.3 - 20.2	6.2	5.5 - 6.6	4.5	4.4 - 4.5	10.8	10.0 - 11.2	18.6	18.2 - 18.9	1930	1620 - 2800
AAC Talbot	MG 2 Early	Y	24.6	21.6 - 27.7	45.6	44.4 - 46.5	19.9	19.4 - 20.2	5.3	4.1 - 6.1	4.7	4.3 - 5.2	10.0	9.4 - 10.4	17.9	17.5 - 18.3	1060	390 - 1580
AAC Wigle	MG 2 Early	Y	23.3	21.0 - 26.5	46.6	46.0 - 47.0	18.9	18.7 - 19.0	5.7	5.2 - 6.0	4.8	4.6 - 5.0	10.5	10.3 - 10.8	17.6	17.4 - 18.0	1600	1420 - 1840
AAC Wigle	MG 2 Late	Y	23.0	21.9 - 24.3	45.6	44.4 - 46.5	19.7	19.1 - 20.3	5.4	5.1 - 5.9	4.7	4.4 - 4.8	10.3	10.0 - 10.9	17.6	17.3 - 18.0	1500	1280 - 1650
Abiola	MG 0	IY	21.4	19.7 - 22.7	45.0	44.5 - 45.5	19.8	19.3 - 20.2	6.0	5.6 - 6.5	4.5	4.4 - 4.7	10.7	10.3 - 11.0	17.8	17.4 - 18.3	1690	1180 - 2120
Acora	MG 0	Y	21.3	20.2 - 22.6	41.8	40.6 - 43.0	21.1	20.5 - 21.4	6.8	6.2 - 7.5	4.8	4.7 - 4.9	11.8	11.4 - 12.3	19.3	18.9 - 20.3	2120	1670 - 2660
Acora	MG 1	Y	21.1	17.8 - 23.0	42.0	40.8 - 43.0	21.1	20.8 - 21.4	6.4	6.0 - 7.0	4.6	4.5 - 4.7	11.3	10.8 - 12.0	19.0	18.7 - 19.7	2110	1800 - 2630
Ajico	MG 0	IY	21.8	20.2 - 23.5	42.4	41.6 - 42.9	21.6	21.0 - 22.2	6.1	5.5 - 6.8	4.3	4.0 - 4.5	10.7	10.3 - 11.1	18.3	17.6 - 19.0	2440	1930 - 3070
Ajico	MG 1	IY	22.0	19.2 - 23.6	42.2	40.2 - 43.6	21.7	21.1 - 22.5	5.7	5.3 - 6.1	4.4	4.3 - 4.4	10.3	10.0 - 10.8	18.3	17.9 - 18.9	2500	2140 - 3260
Alameda	MG 0	IY	19.5	18.0 - 21.3	44.2	43.7 - 44.9	20.2	19.5 - 20.9	6.5	6.0 - 6.9	4.2	4.1 - 4.4	11.0	10.7 - 11.2	18.4	18.1 - 18.7	1690	1330 - 2040
Angelica	MG 0	IY	20.4	18.7 - 22.4	42.2	41.1 - 42.9	21.6	21.2 - 21.8	6.5	5.8 - 7.0	4.4	4.3 - 4.6	11.2	10.6 - 11.7	18.8	18.1 - 19.5	1730	1200 - 2260
Arenda	MG 0	IY	22.6	20.6 - 24.7	44.2	43.9 - 44.8	20.8	20.0 - 21.4	5.9	5.2 - 6.3	4.5	4.4 - 4.7	10.5	10.0 - 10.9	18.5	18.1 - 18.8	840	490 - 1420
Asahi	MG 0	IY	19.9	18.0 - 21.6	42.8	42.1 - 43.7	20.8	20.1 - 21.2	6.1	5.6 - 6.7	4.7	4.6 - 4.9	11.1	10.7 - 11.5	18.9	18.5 - 19.5	1660	1160 - 2330
Asana	MG 0	Y	23.3	20.9 - 26.6	42.5	41.8 - 42.9	21.7	21.2 - 22.1	6.0	5.3 - 6.6	4.5	4.3 - 4.7	10.8	10.3 - 11.2	18.4	18.1 - 18.9	1790	1430 - 2210
Asana	MG 1	Y	23.2	19.7 - 25.0	43.3	41.4 - 44.3	21.3	20.9 - 21.9	5.5	4.9 - 6.0	4.5	4.3 - 4.6	10.2	9.7 - 11.0	18.1	17.7 - 18.9	1720	1340 - 2360
Astor	MG 0	Y	23.0	20.7 - 25.2	43.9	43.4 - 44.4	21.7	20.9 - 22.4	5.4	5.0 - 5.8	4.2	4.1 - 4.4	9.9	9.6 - 10.2	17.3	17.0 - 17.5	1850	1350 - 2470
Atena	MG 0	Y	24.0	21.8 - 27.3	43.8	42.5 - 44.6	20.2	19.5 - 20.8	6.9	6.0 - 7.8	4.3	4.1 - 4.5	11.4	10.7 - 12.1	18.6	18.0 - 19.2	1990	1630 - 2600
Atena	MG 1	Y	24.0	19.2 - 25.9	44.0	42.6 - 44.8	20.1	19.8 - 20.4	6.6	5.9 - 7.2	4.3	4.2 - 4.5	11.0	10.3 - 11.7	18.5	18.0 - 19.2	2030	1740 - 2660
Atiron	MG 0	IY	20.4	18.9 - 22.7	48.7	48.0 - 49.3	18.5	17.9 - 18.8	5.2	4.9 - 5.4	4.4	4.2 - 4.5	9.7	9.5 - 9.8	16.6	16.5 - 16.7	1210	910 - 1680
Aurelina	MG 0	IY	20.1	17.8 - 21.6	44.4	43.2 - 45.1	20.8	20.3 - 21.2	5.6	5.1 - 6.1	4.5	4.4 - 4.6	10.3	10.0 - 10.8	17.5	17.1 - 18.0	1400	790 - 2150
Aya	MG 0	Y	24.0	20.8 - 29.8	44.1	43.6 - 44.6	20.5	19.9 - 21.1	5.6	4.8 - 6.4	4.7	4.5 - 4.9	10.7	10.0 - 11.3	18.3	17.8 - 19.0	1750	1180 - 2270
Aya	MG 1	Y	22.9	20.3 - 25.1	44.4	42.7 - 45.2	20.2	19.9 - 20.8	5.3	4.6 - 5.9	4.7	4.6 - 4.9	10.4	9.8 - 11.0	18.3	18.0 - 19.0	1730	1300 - 2550

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			Average ⁸	Range ⁹	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range
Azalea	MG 1	IY	19.7	16.1 - 21.4	40.1	38.7 - 41.2	22.2	21.6 - 22.8	6.1	5.5 - 6.7	4.4	4.3 - 4.5	10.7	10.2 - 11.2	19.2	18.7 - 19.9	2700	2260 - 3310
BAFFIN	MG 0	IY	18.9	17.3 - 20.9	48.5	48.1 - 49.1	18.6	17.9 - 19.3	4.8	4.4 - 5.1	4.8	4.7 - 4.9	9.8	9.5 - 10.0	16.6	16.4 - 16.8	1230	910 - 1720
Baltazar	MG 1	IY	21.9	19.5 - 23.6	43.4	41.4 - 44.2	20.9	20.5 - 21.8	5.5	5.0 - 6.1	4.7	4.6 - 4.7	10.4	9.9 - 11.2	18.2	17.9 - 19.1	1950	1650 - 2650
Barton	MG 1	Y	19.5	17.9 - 20.5	43.5	41.9 - 45.1	20.5	20.1 - 21.0	6.0	5.8 - 6.3	4.5	4.4 - 4.8	10.9	10.6 - 11.5	18.2	17.4 - 18.7	2480	1930 - 3120
Candor	MG 1	Y	26.7	21.8 - 29.5	44.7	43.6 - 45.8	19.7	19.4 - 19.9	6.5	6.1 - 6.9	4.4	4.3 - 4.5	10.9	10.5 - 11.6	18.4	17.8 - 18.7	1740	1480 - 2340
Candor	MG 2 Early	Y	25.3	20.7 - 32.1	45.7	45.2 - 46.4	20.0	19.7 - 20.4	5.8	5.2 - 6.2	4.3	3.9 - 4.6	10.1	9.9 - 10.4	17.7	17.4 - 18.0	1140	780 - 1400
Chiba	MG 0	Y	21.0	20.0 - 22.1	43.3	42.8 - 43.6	20.2	19.9 - 20.6	6.6	6.0 - 7.2	4.5	4.3 - 4.6	11.3	10.8 - 11.8	18.6	18.1 - 19.0	1980	1390 - 2750
Cypress	MG 0	Y	19.7	18.0 - 21.2	42.0	41.3 - 42.3	21.6	20.9 - 22.0	6.3	5.5 - 7.0	4.5	4.4 - 4.7	11.2	10.5 - 11.7	18.9	18.3 - 19.5	2230	1590 - 3060
DF 155	MG 2 Early	Y	22.4	20.2 - 26.4	44.0	43.7 - 44.5	20.7	20.5 - 21.0	5.3	4.8 - 5.7	4.7	4.5 - 4.8	10.2	10.0 - 10.7	17.9	17.7 - 18.2	1700	1380 - 2240
DF 155	MG 2 Late	Y	23.2	22.5 - 23.8	44.0	43.5 - 44.5	20.8	20.7 - 21.0	5.1	5.1 - 5.1	4.8	4.7 - 4.9	10.2	10.1 - 10.2	17.9	17.9 - 18.0	1530	1440 - 1620
DH530	MG 1	IY	19.4	14.4 - 22.3	41.2	40.5 - 42.6	21.5	20.7 - 22.0	6.5	5.6 - 7.0	4.3	4.2 - 4.4	11.1	10.3 - 11.7	19.2	19.0 - 19.6	2250	2070 - 2540
Dunham	MG 0	IY	23.6	20.9 - 25.7	47.5	46.4 - 48.2	19.1	18.3 - 19.6	4.9	4.3 - 5.3	5.0	4.8 - 5.1	10.0	9.5 - 10.4	16.5	16.0 - 16.8	1600	1090 - 2130
Eider	MG 1	Y	21.8	18.8 - 23.2	42.7	40.3 - 43.6	21.4	20.9 - 22.3	5.2	4.9 - 5.9	4.7	4.6 - 4.8	10.2	9.7 - 10.9	18.3	17.9 - 19.0	1640	1310 - 2460
Emperor	MG 1	IY	25.8	23.1 - 27.6	44.5	43.1 - 45.3	20.2	20.0 - 20.5	6.1	5.6 - 6.4	4.2	4.1 - 4.3	10.4	9.9 - 10.9	17.9	17.5 - 18.6	1510	1370 - 1820
Ezra	MG 0	Y	20.6	18.4 - 22.4	39.1	38.5 - 39.7	22.4	21.9 - 22.8	6.4	5.8 - 6.9	4.9	4.8 - 5.1	11.6	11.1 - 12.0	20.2	19.6 - 20.6	2280	1740 - 2940
Ezra	MG 1	Y	20.7	19.1 - 22.0	39.2	37.6 - 40.3	22.4	21.9 - 23.1	6.1	5.7 - 6.7	4.8	4.7 - 4.9	11.2	10.8 - 11.6	20.2	19.7 - 20.8	2220	1840 - 2760
Finch	MG 0	Y	19.6	18.6 - 20.8	44.7	43.9 - 45.6	20.3	19.5 - 21.3	5.3	4.9 - 5.8	4.5	4.3 - 4.6	10.0	9.7 - 10.3	17.1	16.7 - 17.3	2300	1810 - 2860
Finch	MG 1	Y	19.6	17.7 - 21.0	45.1	43.6 - 46.3	20.1	19.6 - 20.6	5.0	4.6 - 5.4	4.5	4.4 - 4.6	9.6	9.3 - 10.1	17.0	16.4 - 17.8	2020	1750 - 2680
Forto	MG 1	IY	23.7	20.6 - 25.5	44.1	42.1 - 45.4	20.7	20.3 - 21.3	5.9	5.4 - 6.6	4.2	4.2 - 4.3	10.4	9.9 - 11.2	18.0	17.6 - 18.9	2060	1720 - 2820
Genesis	MG 0	Y	21.1	18.3 - 23.6	42.1	41.3 - 42.8	21.4	20.7 - 22.1	6.6	6.0 - 7.2	4.3	4.1 - 4.5	11.2	10.7 - 11.6	18.7	18.2 - 18.9	1740	1320 - 2390
Genesis	MG 1	Y	20.6	17.2 - 22.8	41.8	40.5 - 43.2	21.5	21.0 - 22.0	6.3	5.9 - 6.8	4.3	4.1 - 4.4	10.8	10.3 - 11.5	18.8	18.2 - 19.4	1750	1480 - 2390
Havane	MG 1	Y	21.2	18.9 - 23.1	41.7	40.5 - 42.7	21.3	21.0 - 21.7	6.8	6.7 - 7.1	4.2	4.0 - 4.4	11.1	10.8 - 11.7	18.9	18.3 - 19.3	1500	1250 - 1920
HDC Blake	MG 1	Y	26.4	21.1 - 29.3	43.3	41.4 - 44.4	20.4	20.0 - 21.2	7.0	6.2 - 7.6	4.0	3.9 - 4.1	11.2	10.5 - 11.9	18.6	18.2 - 19.4	1900	1490 - 2520
HDC Blake	MG 2 Early	Y	25.9	21.1 - 29.7	43.6	43.1 - 44.3	21.0	20.6 - 21.7	6.5	6.3 - 6.8	4.0	3.8 - 4.3	10.8	10.5 - 11.1	18.1	18.0 - 18.2	1290	970 - 1710
HDC Blake	MG 2 Late	Y	26.2	24.4 - 28.5	42.9	42.0 - 43.4	21.8	21.6 - 22.4	6.3	6.1 - 6.5	4.0	3.9 - 4.1	10.5	10.3 - 10.7	18.2	18.0 - 18.4	1210	1160 - 1330
Hickstead	MG 2 Early	Y	23.2	20.9 - 26.6	45.5	44.9 - 46.4	19.5	18.9 - 20.0	6.1	5.4 - 6.5	4.5	4.2 - 4.8	10.7	10.4 - 10.8	17.8	17.7 - 18.0	2110	1670 - 2430
Hickstead	MG 2 Late	Y	21.7	21.0 - 22.4	44.3	43.3 - 44.9	20.2	19.7 - 21.0	5.6	5.4 - 5.9	4.5	4.3 - 4.6	10.3	10.2 - 10.5	18.1	18.0 - 18.5	1820	1610 - 2010
JAGO	MG 0	Y	20.9	18.2 - 24.2	42.6	41.5 - 43.2	21.5	20.7 - 21.9	6.5	5.8 - 7.2	4.4	4.3 - 4.5	11.1	10.5 - 11.8	18.8	18.2 - 19.3	1040	670 - 1690
Kagawa	MG 0	IY	24.7	23.5 - 26.0	44.5	44.0 - 45.0	19.9	19.4 - 20.5	5.9	5.4 - 6.3	4.5	4.3 - 4.7	10.8	10.5 - 11.1	18.5	18.2 - 18.9	2790	2320 - 3250
Kagawa	MG 1	IY	23.7	20.2 - 25.7	45.0	42.9 - 45.9	19.7	19.3 - 20.6	5.5	5.0 - 5.9	4.6	4.5 - 4.6	10.4	9.9 - 10.9	18.4	18.1 - 18.9	2540	2010 - 3450
Kazart	MG 0	Y	22.1	20.7 - 25.0	42.9	42.8 - 43.0	21.0	20.5 - 21.5	6.1	5.6 - 6.6	4.4	4.2 - 4.5	10.7	10.4 - 10.9	18.5	18.2 - 18.8	1360	830 - 1930
Kristian	MG 0	IY	22.4	19.9 - 25.9	40.0	38.9 - 40.5	22.6	22.1 - 22.8	6.4	5.9 - 7.1	4.5	4.3 - 4.7	11.3	10.9 - 11.9	19.6	19.0 - 20.4	1800	1200 - 2600
Kyoto	MG 0	Y	20.9	19.2 - 22.1	43.6	42.8 - 44.0	20.8	20.3 - 21.0	6.4	5.7 - 7.0	4.5	4.3 - 4.6	11.1	10.7 - 11.6	18.3	17.9 - 18.8	2000	1590 - 2570

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			Average ⁸	Range ⁹	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range
Laurentian	MG 1	Y	10.5	8.5 - 12.2	42.5	41.3 - 43.8	20.0	19.4 - 20.5	4.9	4.6 - 5.3	5.3	5.1 - 5.4	10.4	10.1 - 10.9	18.4	17.7 - 19.1	2670	2420 - 3130
Lindber	MG 0	Y	10.0	8.0 - 13.9	41.3	40.7 - 42.3	20.3	20.0 - 20.7	6.0	5.0 - 6.7	5.1	4.8 - 5.3	11.3	10.6 - 11.9	19.5	18.8 - 20.1	2340	1690 - 2830
Marula	MG 0	Y	22.8	20.5 - 24.5	43.4	43.1 - 43.8	20.6	20.3 - 20.9	6.0	5.4 - 6.5	4.9	4.8 - 5.2	11.1	10.8 - 11.4	18.8	18.4 - 19.1	1310	1130 - 1650
Marula	MG 1	Y	23.5	20.5 - 25.4	43.9	42.2 - 45.2	20.5	20.0 - 21.2	5.6	5.0 - 6.0	4.8	4.7 - 5.0	10.6	10.1 - 11.1	18.5	18.0 - 19.0	1320	880 - 1950
Mozart	MG 0	Y	22.3	19.7 - 24.7	44.0	43.2 - 44.3	20.2	19.9 - 20.4	6.2	5.7 - 6.8	4.5	4.3 - 4.7	11.0	10.7 - 11.4	18.8	18.5 - 19.2	1520	950 - 2340
Neptune	MG 0	IY	24.0	21.6 - 26.6	41.6	40.5 - 42.4	21.8	21.1 - 22.3	6.7	6.1 - 7.5	4.4	4.2 - 4.6	11.4	11.0 - 11.9	18.9	18.4 - 19.7	2000	1540 - 2620
OAC Aberdeen	MG 1	IY	22.0	20.3 - 23.3	42.4	40.8 - 43.9	20.9	20.3 - 21.3	5.9	5.4 - 6.4	4.6	4.5 - 4.7	10.7	10.3 - 11.4	18.5	17.8 - 19.3	2800	2440 - 3600
OAC Aberdeen	MG 2 Early	IY	23.6	22.6 - 24.0	44.1	43.7 - 44.8	20.5	20.3 - 20.7	5.5	5.0 - 5.9	4.7	4.5 - 4.8	10.4	9.9 - 10.8	17.7	17.4 - 18.1	2100	1660 - 2400
OAC Acclaim	MG 0	IY	21.7	18.8 - 23.6	42.6	41.9 - 43.6	21.1	20.3 - 21.6	5.5	5.0 - 6.0	5.0	4.7 - 5.2	10.9	10.5 - 11.1	18.6	18.2 - 18.9	2040	1550 - 2810
OAC Adare	MG 1	IY	21.5	18.9 - 23.4	43.0	41.6 - 43.7	20.3	20.1 - 20.9	6.0	5.5 - 6.4	4.8	4.7 - 4.9	10.9	10.4 - 11.4	18.7	18.3 - 19.4	1510	1330 - 1710
OAC Bounty	MG 0	IY	21.8	19.1 - 24.5	40.9	40.2 - 41.5	22.0	21.4 - 22.5	6.1	5.6 - 6.6	4.5	4.3 - 4.7	11.0	10.6 - 11.4	19.1	18.5 - 19.6	2490	1690 - 3440
OAC Bruton	MG 2 Early	Y	26.0	23.2 - 29.2	44.0	43.6 - 44.5	20.9	20.5 - 21.1	5.9	5.5 - 6.2	4.2	4.1 - 4.5	10.4	10.1 - 10.8	18.1	17.6 - 18.3	1380	920 - 1780
OAC Champion	MG 0	IY	21.4	19.6 - 22.8	43.1	42.9 - 43.2	21.3	20.9 - 21.7	5.2	4.9 - 5.5	4.7	4.6 - 4.9	10.2	10.1 - 10.5	17.9	17.8 - 18.1	1410	1060 - 1790
OAC Drayton	MG 0	LBR	19.2	16.3 - 22.0	39.0	38.4 - 39.5	22.5	22.1 - 22.7	5.8	5.4 - 6.3	5.0	4.8 - 5.3	11.3	11.0 - 11.6	19.7	19.5 - 20.0	3020	2250 - 3970
OAC Elevation	MG 0	IY	23.7	21.9 - 26.1	45.3	44.6 - 45.9	19.6	19.0 - 20.0	5.9	5.2 - 6.5	4.6	4.3 - 4.7	10.7	10.1 - 11.1	17.8	17.3 - 18.1	1960	1500 - 2410
OAC Elevation	MG 1	IY	23.1	18.8 - 26.4	45.9	44.4 - 46.9	19.3	18.9 - 19.7	5.5	4.9 - 6.1	4.5	4.5 - 4.6	10.2	9.6 - 10.9	17.7	17.1 - 18.4	1850	1530 - 2480
OAC Evolution	MG 0	IY	20.8	18.6 - 22.8	40.8	39.8 - 41.4	21.5	20.8 - 22.5	6.0	5.4 - 6.5	5.0	4.8 - 5.1	11.3	10.9 - 11.7	19.3	18.9 - 19.6	2260	1810 - 2780
OAC Hastings	MG 0	IY	21.2	19.2 - 23.6	43.4	42.5 - 44.1	20.7	20.1 - 21.0	5.9	5.3 - 6.4	4.7	4.5 - 4.9	10.9	10.6 - 11.2	18.4	18.1 - 18.9	1860	1430 - 2350
OAC Kamran	MG 0	IY	21.1	19.2 - 23.4	43.3	42.2 - 43.8	20.9	20.4 - 21.2	6.1	5.5 - 6.8	4.5	4.3 - 4.6	10.8	10.3 - 11.2	17.9	17.4 - 18.4	1810	1270 - 2440
OAC Kent	MG 2 Early	Y	22.9	21.6 - 24.7	42.8	42.2 - 43.2	22.0	21.7 - 22.2	5.4	5.0 - 5.6	4.4	4.2 - 4.6	10.1	9.6 - 10.3	17.7	17.6 - 17.9	1330	1100 - 1650
OAC Lakeview	MG 0	Y	20.7	18.8 - 22.8	40.2	40.0 - 40.4	22.3	21.6 - 22.9	6.7	6.1 - 7.4	4.4	4.3 - 4.5	11.6	11.1 - 12.1	19.8	19.2 - 20.3	2000	1380 - 2700
OAC Malory	MG 1	Y	19.0	16.2 - 20.7	42.6	40.9 - 43.7	20.7	20.3 - 21.3	6.0	5.5 - 6.8	4.6	4.5 - 4.7	10.9	10.4 - 11.7	18.5	18.0 - 19.3	1870	1550 - 2550
OAC Marvel	MG 2 Early	Y	23.1	20.2 - 25.2	45.3	44.9 - 45.9	20.0	19.6 - 20.2	5.5	5.0 - 6.0	4.9	4.7 - 5.1	10.5	10.1 - 10.9	17.8	17.4 - 18.0	1180	850 - 1450
OAC Marvel	MG 2 Late	Y	23.1	20.7 - 24.9	44.4	43.9 - 45.1	20.6	20.4 - 21.1	5.3	5.1 - 5.5	4.8	4.7 - 4.9	10.3	10.2 - 10.5	17.9	17.6 - 18.1	1160	1020 - 1270
OAC Paris	MG 1	Y	23.9	21.0 - 25.8	42.8	41.0 - 44.2	21.0	20.3 - 21.6	5.8	5.5 - 6.2	4.6	4.6 - 4.8	10.7	10.3 - 11.3	18.5	18.1 - 19.0	2120	1750 - 2820
OAC Rush	MG 1	IY	21.2	18.4 - 22.4	41.9	40.8 - 43.2	20.9	20.2 - 21.3	6.5	6.0 - 7.1	4.5	4.4 - 4.6	11.3	10.8 - 12.0	19.3	19.1 - 20.0	2300	2030 - 2740
OAC Strive	MG 0	IY	22.3	20.7 - 24.3	44.4	43.9 - 45.1	20.3	19.6 - 21.1	6.1	5.6 - 6.7	4.4	4.3 - 4.6	10.8	10.4 - 11.2	17.8	17.5 - 18.2	1600	1140 - 2150
OAC Wallace	MG 0	BR	20.4	16.9 - 23.4	39.1	38.7 - 39.6	22.4	22.0 - 23.0	6.1	5.3 - 6.9	4.9	4.7 - 5.0	11.4	10.9 - 12.0	19.9	19.4 - 20.4	2480	1970 - 3030
Odessa	MG 1	IY	24.4	21.0 - 26.9	44.7	43.0 - 45.6	20.2	19.7 - 20.9	5.7	5.5 - 6.2	4.5	4.4 - 4.5	10.4	10.1 - 10.8	17.9	17.5 - 18.6	1930	1620 - 2500
Osaka	MG 1	IY	19.4	16.7 - 20.7	42.8	41.0 - 43.4	21.1	20.8 - 21.7	6.4	5.9 - 7.0	4.3	4.2 - 4.4	10.9	10.3 - 11.5	19.0	18.6 - 19.6	1880	1280 - 2830
P11A10	MG 1	Y	21.2	18.4 - 22.9	40.6	39.6 - 42.0	21.7	21.0 - 22.2	6.3	6.0 - 6.5	4.6	4.5 - 4.8	11.1	10.9 - 11.4	19.6	19.2 - 19.9	2630	2190 - 3300
P21A20	MG 2 Early	Y	21.6	19.3 - 24.3	43.8	42.8 - 44.6	20.5	20.0 - 20.8	5.7	4.9 - 6.2	4.8	4.5 - 5.0	10.7	10.2 - 11.3	18.1	17.5 - 18.6	1960	1310 - 2500
Panorama	MG 0	Y	20.8	18.9 - 24.3	45.2	44.1 - 46.1	19.4	18.9 - 20.2	5.6	5.1 - 6.1	4.6	4.4 - 4.8	10.5	10.2 - 10.8	17.8	17.5 - 18.0	1550	1180 - 1980

Canadian Food-Grade Soybean Database - 2021 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
Primo	MG 0	Y	21.5	20.0 - 22.6	48.4	48.1 - 48.6	18.5	18.1 - 19.0	4.8	4.5 - 5.2	4.6	4.5 - 4.8	9.7	9.5 - 9.9	16.8	16.5 - 17.0	1190	950 - 1500
S03-P4	MG 0	IY	21.0	19.3 - 22.4	44.7	43.7 - 45.2	20.9	20.5 - 21.3	5.9	5.3 - 6.6	4.4	4.3 - 4.5	10.4	9.9 - 11.0	17.4	16.8 - 18.0	1200	820 - 1570
S04-K9	MG 0	Y	23.5	20.6 - 26.1	45.4	44.7 - 46.3	19.8	18.8 - 20.4	5.4	4.7 - 6.1	4.6	4.5 - 4.8	10.4	9.7 - 10.7	17.6	17.1 - 18.1	1810	1100 - 2480
S07-M8	MG 0	IY	21.8	19.4 - 24.6	43.3	43.1 - 43.4	20.6	20.2 - 21.1	6.6	6.2 - 7.1	4.3	4.1 - 4.4	11.1	10.8 - 11.5	18.4	18.1 - 18.8	2200	1530 - 2780
S10-R2	MG 0	Y	20.4	18.6 - 21.8	44.8	43.5 - 45.8	19.3	18.7 - 19.9	5.9	5.2 - 6.6	4.6	4.3 - 4.9	10.7	10.3 - 11.1	18.4	18.0 - 18.9	2030	1620 - 2760
S10-R2	MG 1	Y	20.5	18.0 - 22.5	44.6	43.5 - 46.1	19.4	18.9 - 20.0	5.7	5.3 - 6.0	4.6	4.4 - 4.7	10.4	10.1 - 11.0	18.4	17.8 - 18.8	1980	1570 - 2670
S12-J7	MG 1	Y	24.1	22.4 - 25.5	43.5	41.0 - 45.5	20.6	19.6 - 21.7	5.6	5.3 - 6.1	4.5	4.4 - 4.5	10.4	10.0 - 10.9	18.4	17.9 - 19.2	2490	2100 - 3260
S14-H3	MG 1	IY	23.0	21.0 - 24.3	43.5	42.4 - 44.4	20.1	19.7 - 20.3	6.5	6.0 - 7.2	4.5	4.4 - 4.6	11.2	10.7 - 12.0	18.9	18.5 - 19.4	2460	2170 - 3150
S20-M1	MG 2 Early	Y	21.5	18.8 - 23.9	44.4	43.9 - 45.2	20.4	20.2 - 20.7	5.8	5.2 - 6.3	4.8	4.5 - 5.0	10.7	10.4 - 11.0	17.9	17.6 - 18.2	1620	1130 - 1970
S20-M1	MG 2 Late	Y	20.4	19.1 - 21.3	42.7	41.5 - 43.4	21.4	21.0 - 21.9	5.8	5.6 - 5.9	4.8	4.6 - 4.9	10.7	10.5 - 10.8	18.5	18.3 - 19.0	1690	1640 - 1720
S21-C6	MG 2 Early	Y	25.4	19.2 - 29.5	46.5	46.0 - 47.1	19.3	18.9 - 19.7	5.9	5.5 - 6.2	4.5	4.3 - 4.6	10.4	10.2 - 10.5	17.4	17.2 - 17.6	1860	1740 - 1980
S21-C6	MG 2 Late	Y	26.3	24.7 - 28.2	45.7	45.1 - 46.7	19.9	19.3 - 20.2	5.8	5.6 - 5.9	4.3	4.1 - 4.4	10.2	10.0 - 10.4	17.8	17.5 - 17.8	1850	1800 - 1890
SG 2311	MG 2 Early	Y	23.1	21.2 - 24.4	43.0	42.0 - 43.8	20.8	20.4 - 21.4	6.6	6.3 - 6.9	4.5	4.3 - 4.8	11.4	11.0 - 11.8	18.9	18.5 - 19.2	1540	1280 - 1760
SG 2311	MG 2 Late	Y	21.7	20.0 - 23.0	42.3	41.8 - 43.0	21.3	21.0 - 21.6	6.5	6.2 - 6.7	4.6	4.4 - 4.7	11.4	11.2 - 11.5	19.0	18.6 - 19.2	1430	1260 - 1540
Skyline	MG 0	Y	19.8	18.5 - 22.2	44.4	44.2 - 44.5	20.7	20.2 - 21.3	5.3	4.5 - 5.8	4.7	4.5 - 4.9	10.3	9.8 - 10.6	17.5	16.7 - 17.9	1790	1260 - 2210
Skyline	MG 1	Y	19.6	16.6 - 22.0	44.2	42.5 - 45.5	20.8	20.2 - 21.5	5.1	4.7 - 5.7	4.8	4.7 - 4.8	10.1	9.6 - 10.7	17.5	17.0 - 18.2	1740	1480 - 2310
Taku	MG 1	Y	19.3	17.3 - 20.8	42.1	41.1 - 42.7	20.5	20.4 - 20.7	6.4	5.9 - 6.9	4.5	4.5 - 4.6	11.2	10.8 - 11.8	19.1	18.8 - 19.6	3460	2880 - 4390
Windsor	MG 0	LBR	22.7	19.5 - 25.1	43.9	43.3 - 44.3	20.0	19.4 - 20.4	6.3	5.6 - 6.9	4.5	4.3 - 4.6	11.1	10.6 - 11.6	18.6	18.3 - 19.0	1370	900 - 1990
Zana	MG 1	Y	21.0	17.1 - 22.7	41.1	39.5 - 42.6	20.5	19.8 - 20.8	7.2	6.6 - 7.9	4.8	4.7 - 5.0	12.3	11.7 - 13.2	20.2	19.6 - 21.0	2670	2330 - 3620

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