Canadian Food-Grade Soybean Database - 2016 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
AAC 26-15	MG 2 Early	Y	21.8	18.9 - 25.3	43.0	42.1 - 43.9	21.3	20.7 - 22.1	6.2	5.9 - 6.8	4.7	4.6 - 4.9	11.3	10.9 - 12.0	18.3	17.9 - 18.6	1460	1290 - 1610
AAC 26-15	MG 2 Late	Y	21.7	18.3 - 24.3	41.9	40.4 - 42.6	22.4	21.8 - 22.9	5.9	5.4 - 6.3	4.7	4.6 - 4.8	11.1	10.6 - 11.5	17.8	17.6 - 18.2	1570	1010 - 1860
AAC Malden	MG 2 Early	Y	23.5	20.4 - 28.2	44.7	44.3 - 45.2	19.4	18.8 - 20.0	6.5	6.1 - 7.1	4.7	4.5 - 4.8	11.6	11.3 - 12.1	18.6	18.4 - 18.9	1980	1760 - 2130
AAC Malden	MG 2 Late	Y	24.7	22.6 - 26.6	43.6	43.2 - 44.5	20.4	20.1 - 20.7	6.3	5.9 - 6.7	4.6	4.4 - 4.7	11.4	10.9 - 11.7	18.3	18.0 - 18.5	2210	1550 - 2520
AAC Rubicon	MG 0	Y	27.9	26.2 - 29.0	44.8	43.8 - 46.1	20.1	18.5 - 21.2	6.1	5.6 - 6.4	5.2	5.1 - 5.3	11.6	11.2 - 11.9	17.8	17.3 - 18.4	1450	1160 - 1620
AAC Shinju	MG 0	Y	11.0	9.5 - 12.4	38.7	37.7 - 41.1	22.2	20.9 - 22.9	6.7	6.2 - 7.1	5.1	5.0 - 5.3	12.3	12.0 - 12.6	19.6	19.2 - 19.9	2350	2130 - 2740
AAC Stern	MG 2 Late	Y	22.3	19.8 - 24.6	43.3	42.8 - 43.8	21.3	21.0 - 21.8	5.7	5.1 - 6.2	4.5	4.4 - 4.6	10.8	10.3 - 11.2	17.9	17.8 - 18.0	1900	1480 - 2180
AAC Vireo	MG 0	IY	24.9	21.9 - 26.8	42.7	41.3 - 43.9	21.9	20.9 - 22.8	5.6	5.3 - 5.9	4.8	4.7 - 4.9	10.8	10.6 - 11.0	18.0	17.7 - 18.2	1690	1540 - 1870
Acora	MG 1	IY	23.2	21.1 - 25.2	41.1	39.9 - 41.8	21.6	21.4 - 22.0	7.0	6.7 - 7.3	4.8	4.7 - 4.9	12.1	11.8 - 12.4	19.1	18.4 - 19.6	2120	1660 - 2400
Amadeus	MG 0	IY	20.1	18.9 - 20.7	46.3	45.3 - 47.1	19.6	19.0 - 20.4	5.1	4.7 - 5.3	5.2	5.1 - 5.3	10.6	10.4 - 10.7	17.6	17.3 - 17.7	1500	1430 - 1560
Anser	MG 0	IY	22.0	20.1 - 25.0	40.3	38.0 - 42.8	22.8	21.4 - 23.7	5.7	5.5 - 6.0	5.0	4.8 - 5.1	11.1	10.9 - 11.5	18.7	18.4 - 19.3	1430	1260 - 1710
Astor	MG 0	Y	22.8	21.1 - 24.7	42.9	41.9 - 44.6	22.6	21.4 - 23.4	5.6	5.5 - 5.8	4.5	4.4 - 4.5	10.4	10.2 - 10.6	17.5	17.3 - 17.6	2060	1900 - 2310
Asuka	MG 0	IY	22.9	21.1 - 24.0	41.4	39.6 - 43.9	21.4	20.0 - 22.3	7.0	6.6 - 7.5	4.8	4.7 - 4.9	12.2	11.8 - 12.7	18.9	18.7 - 19.4	1710	1480 - 2010
Auriga	MG 0	Y	21.6	19.5 - 24.4	37.7	36.9 - 39.8	22.9	21.4 - 23.6	7.6	7.3 - 7.9	5.2	5.1 - 5.3	13.1	12.8 - 13.5	20.1	19.7 - 20.4	1740	1590 - 1910
Bakara	MG 1	IY	25.7	20.4 - 30.9	44.5	42.9 - 46.0	20.4	19.7 - 21.1	6.8	6.7 - 7.1	4.4	4.3 - 4.5	11.7	11.6 - 12.0	17.8	17.5 - 18.0	1510	1370 - 1640
Black Pearl	MG 1	BL	23.6	19.6 - 27.7	42.8	41.3 - 44.2	21.5	20.7 - 22.1	6.6	6.3 - 6.7	4.3	4.2 - 4.4	11.4	11.2 - 11.6	17.8	17.4 - 18.4	1660	1290 - 1830
Candor	MG 1	Y	27.5	19.9 - 32.6	44.3	43.3 - 45.6	20.2	19.6 - 20.8	6.9	6.7 - 7.2	4.4	4.3 - 4.5	11.7	11.6 - 12.0	18.5	18.3 - 18.8	1720	1450 - 1970
Candor	MG 2 Early	Y	25.9	21.5 - 30.4	45.6	44.4 - 46.2	20.2	19.5 - 21.1	6.1	5.6 - 6.5	4.5	4.3 - 4.6	11.0	10.6 - 11.4	17.8	17.6 - 17.9	1290	1140 - 1430
Celebrity	MG 0	IY	19.9	17.7 - 21.2	42.2	40.9 - 43.3	21.9	21.2 - 22.6	5.8	5.2 - 6.1	5.0	4.9 - 5.0	11.1	10.7 - 11.5	18.0	17.5 - 18.4	1570	1430 - 1730
Chikala	MG 0	Y	9.8	8.7 - 10.7	39.0	38.0 - 41.1	21.9	21.0 - 22.8	5.6	5.2 - 5.9	5.3	5.1 - 5.6	11.4	11.0 - 11.6	19.8	19.6 - 20.2	1690	1410 - 2020
DF 155	MG 2 Early	Y	22.5	19.2 - 25.8	44.4	43.9 - 45.2	20.7	20.4 - 21.3	5.5	5.0 - 6.1	4.8	4.6 - 5.0	10.7	10.4 - 11.2	17.9	17.8 - 18.0	1610	1270 - 1960
DF 155	MG 2 Late	Y	24.3	21.7 - 25.8	42.9	42.3 - 43.4	21.8	21.5 - 22.0	5.5	4.9 - 6.1	4.7	4.6 - 4.8	10.7	10.0 - 11.4	17.9	17.7 - 18.1	1750	1180 - 2160
DH401	MG 0	IY	21.4	20.3 - 22.9	45.4	43.9 - 47.5	19.4	18.3 - 20.4	5.8	5.3 - 6.1	4.9	4.8 - 5.0	11.2	10.9 - 11.6	17.9	17.6 - 18.5	1600	1480 - 1840
DH410SCN	MG 1	Y	22.8	21.4 - 25.7	44.5	42.9 - 46.1	21.0	20.2 - 22.0	5.4	5.1 - 5.8	4.8	4.7 - 5.0	10.7	10.3 - 11.1	17.7	17.5 - 18.1	1550	1290 - 1700
DH4173	MG 1	Y	23.2	22.0 - 25.9	41.6	40.6 - 42.6	21.2	20.8 - 21.8	6.9	6.8 - 7.2	4.7	4.5 - 4.8	12.2	12.0 - 12.5	19.2	18.7 - 19.5	1850	1460 - 2030
DH4202	MG 1	Y	24.4	21.2 - 27.8	41.1	39.3 - 42.9	21.8	20.9 - 22.5	6.8	6.7 - 7.0	4.8	4.6 - 5.0	12.1	11.8 - 12.2	19.0	18.6 - 19.5	1950	1490 - 2160
DH530	MG 1	IY	22.3	21.0 - 23.7	40.2	38.9 - 41.7	22.3	21.5 - 23.1	6.9	6.7 - 7.2	4.3	4.2 - 4.6	11.6	11.4 - 12.1	19.1	18.7 - 19.5	2530	1870 - 2910
DH618	MG 0	IY	21.5	19.5 - 23.1	40.8	39.2 - 43.0	22.4	21.3 - 23.5	6.0	5.7 - 6.1	5.0	4.8 - 5.1	11.5	11.2 - 11.7	18.5	18.3 - 19.0	1990	1860 - 2230
DH863	MG 0	IY	21.1	19.9 - 23.1	45.4	44.5 - 47.1	19.8	18.8 - 20.3	5.5	4.9 - 5.7	4.9	4.7 - 5.0	10.8	10.4 - 11.1	17.8	17.6 - 18.0	1490	1340 - 1570
DS045C0	MG 0	IY	21.5	20.0 - 23.3	41.4	39.8 - 42.9	21.7	20.4 - 22.6	6.7	5.9 - 7.2	4.9	4.8 - 5.1	11.8	11.1 - 12.1	19.0	18.9 - 19.1	2180	1820 - 2360
DS143C0	MG 1	IY	23.2	21.7 - 26.4	41.1	40.1 - 42.1	21.4	20.8 - 21.8	7.5	7.2 - 7.8	4.0	3.9 - 4.1	11.9	11.7 - 12.2	19.1	18.9 - 19.3	1890	1640 - 1970
Eider	MG 1	Y	24.7	20.6 - 29.3	42.9	41.4 - 43.5	22.0	21.6 - 22.6	5.5	5.2 - 5.7	4.8	4.6 - 4.9	10.6	10.4 - 11.0	17.9	17.6 - 18.1	1300	1040 - 1460
Emperor	MG 0	IY	27.3	25.1 - 29.5	43.9	42.6 - 44.9	21.0	19.8 - 22.2	6.3	5.8 - 7.1	4.3	4.2 - 4.4	11.1	10.7 - 11.6	17.9	17.5 - 18.4	1660	1440 - 1950
Emperor	MG 1	IY	25.3	18.2 - 31.1	43.8	42.3 - 44.6	21.1	20.8 - 21.7	6.3	6.1 - 6.4	4.2	4.1 - 4.4	11.0	10.7 - 11.2	18.0	17.7 - 18.3	1670	1410 - 1830
Etna	MG 0	IY	21.9	20.3 - 23.2	40.5	38.8 - 42.2	22.8	21.7 - 23.3	7.3	6.8 - 7.7	4.5	4.4 - 4.7	12.1	11.6 - 12.6	18.4	17.9 - 19.1	1950	1610 - 2290
Factor	MG 0	GR	21.1	19.9 - 21.9	42.3	40.8 - 43.5	21.8	20.5 - 23.0	6.2	5.8 - 6.7	4.6	4.5 - 4.8	11.2	10.8 - 11.5	18.4	18.0 - 18.7	2140	1940 - 2330
Fjord	MG 0	IY	19.3	16.5 - 22.2	45.9	45.3 - 47.7	19.6	18.2 - 20.3	4.9	4.5 - 5.5	4.9	4.6 - 5.0	10.5	10.1 - 10.7	17.4	17.2 - 17.6	1270	1090 - 1370
Genesis	MG 0	Y	24.0	22.5 - 25.5	40.9	39.6 - 42.5	22.4	20.9 - 23.7	6.6	6.1 - 7.2	4.4	4.2 - 4.6	11.4	10.7 - 11.8	18.7	18.3 - 19.0	1840	1650 - 2090
Gladiator	MG 0	IY	24.7	22.7 - 26.8	44.4	42.9 - 46.1	20.5	19.2 - 21.3	6.3	5.8 - 6.5	4.4	4.4 - 4.5	11.2	10.7 - 11.4	17.8	17.5 - 18.0	2200	1880 - 2320
Hana	MG 0	Y	19.6	19.1 - 20.1	44.4	43.4 - 46.4	20.4	19.3 - 21.4	5.4	5.1 - 5.8	5.0	4.8 - 5.1	10.8	10.6 - 11.1	17.9	17.5 - 18.3	1810	1590 - 2040
Harovinton	MG 2 Early	Y	25.6	22.7 - 29.9	47.6	46.9 - 48.4	19.0	18.7 - 19.9	5.3	4.8 - 6.0	4.9	4.6 - 5.2	10.6	10.1 - 11.3	17.3	17.0 - 17.9	1590	1340 - 1880

Canadian Food-Grade Soybean Database - 2016 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
Harovinton	MG 2 Late	Y	27.2	24.7 - 30.1	45.9	45.1 - 46.5	20.4	20.1 - 20.8	5.3	4.8 - 5.5	4.7	4.6 - 4.8	10.5	10.1 - 10.8	17.0	17.0 - 17.1	1840	1280 - 2160
Havane	MG 1	Y	24.4	21.5 - 29.1	41.5	40.0 - 42.8	21.8	21.3 - 22.5	7.0	6.6 - 7.4	4.3	4.1 - 4.5	11.7	11.4 - 12.3	18.9	18.4 - 19.2	1510	1270 - 1680
HDC 1600T	MG 1	Y	24.6	20.5 - 27.8	43.0	41.9 - 43.8	21.4	20.9 - 22.1	5.8	5.7 - 6.0	5.1	5.1 - 5.2	11.4	11.3 - 11.5	18.5	18.4 - 18.6	1890	1780 - 2030
HDC 1600T	MG 2 Early	Y	21.1	16.8 - 24.6	44.2	43.6 - 45.1	21.5	21.0 - 22.3	4.8	4.4 - 5.5	5.3	5.0 - 5.5	10.6	10.2 - 11.1	17.5	16.9 - 18.2	1340	1020 - 1710
HDC Blake	MG 1	Y	26.3	19.0 - 31.3	42.2	40.9 - 43.6	21.3	20.6 - 22.3	7.2	7.1 - 7.5	4.2	4.0 - 4.4	11.8	11.6 - 12.1	18.7	18.5 - 19.0	1560	1230 - 1700
HDC Blake	MG 2 Early	Y	24.4	21.9 - 26.8	43.7	42.7 - 44.5	21.2	20.7 - 22.2	6.5	6.1 - 7.3	4.2	4.1 - 4.3	11.0	10.6 - 11.8	18.0	17.5 - 18.5	1240	970 - 1590
HDC Carlow	MG 1	Y	26.1	19.4 - 30.4	45.3	43.4 - 46.2	19.9	19.5 - 20.6	6.0	5.7 - 6.3	4.6	4.6 - 4.6	11.0	10.8 - 11.3	18.1	17.9 - 18.6	2380	1940 - 2670
HDC Goshen	MG 1	Y	24.3	21.5 - 28.6	43.6	42.5 - 44.6	20.3	19.9 - 20.9	6.7	6.5 - 6.9	5.0	4.9 - 5.1	11.9	11.8 - 12.2	18.6	18.3 - 18.9	1590	1390 - 1840
HDC Goshen	MG 2 Early	Y	22.6	19.8 - 25.6	45.0	43.9 - 46.2	20.3	19.8 - 21.1	5.8	5.3 - 6.3	5.0	4.9 - 5.2	11.1	10.7 - 11.5	17.9	17.6 - 18.3	1230	910 - 1520
HS 09C02	MG 0	Y	22.1	21.1 - 23.3	41.1	39.5 - 42.4	21.7	20.6 - 22.6	6.5	6.0 - 6.8	5.0	4.9 - 5.1	11.9	11.4 - 12.1	19.3	19.1 - 19.6	1080	840 - 1340
HS 13C38	MG 1	Y	22.8	20.6 - 26.6	41.7	40.2 - 43.0	22.2	21.7 - 22.9	6.5	6.1 - 6.8	4.7	4.5 - 4.8	11.5	11.3 - 11.9	18.4	18.0 - 18.9	1700	1330 - 1920
HS 21CS43	MG 2 Early	Y	19.7	17.8 - 22.0	44.6	43.8 - 45.4	20.0	19.4 - 20.6	5.2	4.9 - 5.6	5.0	4.8 - 5.1	10.6	10.4 - 11.0	18.1	18.0 - 18.3	2210	2020 - 2470
Jari	MG 0	IY	21.0	19.0 - 23.0	45.3	43.8 - 47.7	20.4	19.1 - 21.4	5.6	5.2 - 5.9	4.9	4.8 - 5.1	10.9	10.6 - 11.1	17.5	17.1 - 17.9	1390	1310 - 1540
Karra	MG 1	Y	24.0	22.4 - 26.8	41.4	40.3 - 42.6	22.1	21.2 - 23.0	7.2	7.0 - 7.3	4.4	4.4 - 4.5	11.9	11.6 - 12.1	19.1	18.9 - 19.4	1840	1430 - 2090
Kyoto	MG 0	Y	21.8	20.6 - 22.8	43.3	42.5 - 44.4	21.2	20.2 - 22.0	6.7	6.4 - 7.2	4.6	4.4 - 4.7	11.6	11.4 - 11.8	18.0	17.6 - 18.4	2100	1940 - 2290
LC 1070	MG 0	BL	24.6	23.5 - 26.7	40.8	39.5 - 41.6	21.2	20.2 - 22.0	7.1	6.7 - 7.4	4.8	4.7 - 4.9	12.3	11.8 - 12.7	19.7	19.3 - 20.3	2290	1960 - 2510
Marula	MG 0	Y	24.0	23.0 - 24.7	42.7	41.8 - 44.0	21.1	19.7 - 21.7	6.3	5.8 - 6.7	5.0	4.9 - 5.1	11.6	11.1 - 12.0	18.7	18.5 - 19.1	1470	1290 - 1750
Mersea	MG 2 Early	Y	23.7	19.8 - 27.5	44.7	44.4 - 45.4	19.4	19.0 - 20.0	6.4	5.9 - 7.2	4.7	4.6 - 4.9	11.5	11.1 - 12.1	18.5	18.2 - 19.0	1910	1700 - 2080
Mersea	MG 2 Late	Y	25.2	22.1 - 27.0	43.6	43.1 - 44.6	20.3	20.0 - 20.6	6.3	5.8 - 6.6	4.6	4.5 - 4.7	11.4	10.9 - 11.7	18.2	17.9 - 18.5	2210	1580 - 2590
Meteor	MG 0	IY	21.6	20.2 - 23.1	45.9	44.7 - 47.7	19.1	18.1 - 19.9	5.7	5.3 - 6.1	4.9	4.8 - 5.0	11.1	10.7 - 11.4	17.8	17.7 - 18.3	1660	1520 - 1870
Misty	MG 0	IY	19.1	17.8 - 21.2	41.7	40.8 - 44.0	21.1	19.9 - 22.1	5.9	5.4 - 6.3	5.0	4.8 - 5.0	11.3	10.9 - 11.7	18.9	18.6 - 19.6	2090	1730 - 2450
Nagoya	MG 0	Y	19.7	18.4 - 20.3	43.7	42.5 - 44.8	20.4	19.6 - 21.2	6.5	6.1 - 6.9	4.6	4.5 - 4.7	11.7	11.2 - 11.9	18.3	18.0 - 18.6	1920	1730 - 2070
Nagoya	MG 1	Y	20.3	19.5 - 22.2	44.1	42.9 - 45.0	20.5	20.1 - 21.0	6.5	6.3 - 6.6	4.5	4.4 - 4.7	11.5	11.3 - 11.7	18.2	18.0 - 18.5	1920	1640 - 2070
Narita	MG 0	IY	24.4	22.6 - 26.5	40.9	39.1 - 43.7	22.5	21.0 - 23.5	6.5	6.4 - 6.8	4.7	4.7 - 4.8	11.8	11.4 - 12.0	18.5	18.3 - 18.7	1520	1370 - 1690
Neptune	MG 0	IY	24.8	23.0 - 26.4	41.7	40.9 - 43.2	21.9	20.7 - 22.9	6.8	6.4 - 7.0	4.7	4.6 - 4.8	11.8	11.5 - 12.0	18.5	18.0 - 19.0	2080	1900 - 2310
Nordika	MG 0	Y	26.1	24.5 - 27.7	44.6	43.0 - 45.7	20.0	18.9 - 20.8	7.0	6.2 - 7.3	4.5	4.4 - 4.7	11.9	11.3 - 12.3	18.1	17.6 - 18.3	1540	1170 - 1740
OAC Adare	MG 1	IY	23.3	20.9 - 27.1	43.8	42.2 - 44.8	20.5	20.1 - 21.3	6.2	6.0 - 6.3	4.7	4.6 - 4.9	11.4	11.2 - 11.4	18.4	18.1 - 18.8	1480	1200 - 1680
OAC Avatar	MG 1	Y	23.3	21.9 - 25.1	41.6	40.3 - 42.1	21.2	20.8 - 21.8	6.8	6.7 - 7.0	4.7	4.6 - 4.8	11.8	11.6 - 12.0	19.4	19.1 - 19.6	2410	2130 - 2610
OAC Brooke	MG 2 Early	Y	24.0	20.5 - 27.6	43.3	42.6 - 44.1	20.8	20.2 - 21.3	6.6	6.2 - 7.2	4.5	4.2 - 4.7	11.6	11.4 - 12.2	18.4	17.9 - 18.7	1370	1240 - 1560
OAC Brooke	MG 2 Late	Y	24.1	20.7 - 27.6	41.1	39.6 - 42.1	22.0	21.5 - 22.5	6.7	6.1 - 7.2	4.5	4.3 - 4.7	11.8	11.3 - 12.1	18.5	18.3 - 18.7	1650	1190 - 1910
OAC Calypso	MG 1	IY	23.6	21.9 - 25.4	39.7	38.4 - 40.5	21.8	21.4 - 22.5	6.6	6.4 - 6.8	4.9	4.7 - 5.0	11.9	11.7 - 12.1	20.1	19.7 - 20.4	2710	2180 - 2980
OAC Champion	MG 0	IY	21.2	19.3 - 22.3	42.6	41.1 - 45.0	21.7	20.5 - 22.6	5.3	5.1 - 5.4	5.0	4.8 - 5.1	10.8	10.5 - 11.0	18.0	17.8 - 18.2	1480	1290 - 1660
OAC Drayton	MG 0	LBR	21.3	19.9 - 23.9	38.3	37.2 - 40.1	23.0	22.0 - 24.0	6.1	5.8 - 6.4	5.1	4.9 - 5.2	11.7	11.5 - 12.0	19.4	19.0 - 19.9	3280	3140 - 3370
OAC Durham	MG 0	Y	23.7	22.2 - 25.5	41.8	40.3 - 43.2	21.5	20.3 - 22.8	7.3	6.8 - 7.6	4.3	4.1 - 4.4	12.2	11.7 - 12.4	18.4	18.1 - 18.7	2050	1780 - 2330
OAC Eve	MG 0	IY	23.9	22.3 - 25.3	42.2	41.3 - 43.3	20.8	19.6 - 21.7	6.7	5.9 - 7.2	5.2	5.0 - 5.3	12.2	11.5 - 12.6	19.2	18.8 - 19.6	1630	1270 - 1940
OAC Kent	MG 2 Early	Y	21.7	19.5 - 25.5	43.1	42.5 - 43.6	22.3	21.9 - 22.8	5.4	5.2 - 5.9	4.7	4.4 - 4.8	10.3	10.0 - 10.6	17.6	17.4 - 17.8	1190	890 - 1480
OAC Kent	MG 2 Late	Y	23.3	20.2 - 25.4	40.9	40.4 - 41.4	23.7	23.4 - 23.9	5.2	5.0 - 5.5	4.7	4.7 - 4.8	10.3	10.0 - 10.5	17.6	17.3 - 17.8	1420	880 - 1760
OAC Lakeview	MG 0	Y	21.4	20.0 - 22.7	38.8	37.2 - 41.1	23.1	21.4 - 24.3	6.9	6.4 - 7.4	4.8	4.6 - 5.0	12.1	11.6 - 12.3	19.5	19.0 - 19.9	2410	2160 - 2720
OAC Madoc	MG 0	Y	22.3	20.4 - 24.7	39.6	37.7 - 42.2	23.1	21.6 - 24.2	6.4	5.8 - 6.9	5.1	4.8 - 5.2	11.7	11.4 - 12.2	19.2	18.8 - 19.8	1710	1290 - 2050
OAC Marvel	MG 2 Early	Y	22.8	19.7 - 25.4	44.6	43.4 - 45.3	20.4	19.9 - 21.2	5.9	5.5 - 6.3	5.0	4.8 - 5.2	11.2	10.8 - 11.6	17.9	17.7 - 18.2	1320	1150 - 1510
OAC Marvel	MG 2 Late	Y	24.3	21.5 - 26.7	43.6	43.3 - 44.2	21.2	20.7 - 21.6	5.6	5.2 - 6.0	4.9	4.7 - 5.1	10.9	10.6 - 11.2	17.7	17.7 - 17.7	1470	1120 - 1650

Canadian Food-Grade Soybean Database - 2016 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
OAC Morden	MG 0	BF	20.1	17.5 - 21.5	40.1	38.7 - 42.3	23.3	21.9 - 24.4	6.3	5.8 - 7.0	4.4	4.3 - 4.6	11.1	10.7 - 11.7	18.4	18.1 - 19.1	1850	1410 - 2410
OAC Petrel	MG 0	IY	17.7	15.9 - 20.3	41.5	40.2 - 44.6	21.8	20.2 - 22.8	6.2	5.8 - 6.4	5.0	4.9 - 5.1	11.7	11.4 - 12.0	18.3	18.0 - 18.8	1800	1560 - 2130
OAC Prescott	MG 0	GR	22.8	20.3 - 25.0	39.8	38.2 - 42.0	22.6	20.8 - 23.9	6.5	6.2 - 6.7	5.1	5.0 - 5.2	11.9	11.5 - 12.1	19.1	18.7 - 19.4	2570	2340 - 2720
OAC Prosper	MG 1	Y	23.5	21.6 - 25.5	44.2	43.0 - 44.7	20.1	19.8 - 20.7	6.4	6.3 - 6.6	5.0	4.8 - 5.2	11.8	11.6 - 12.0	18.7	18.6 - 18.9	1940	1590 - 2190
OAC Prosper	MG 2 Early	Y	20.4	17.2 - 23.6	44.6	43.2 - 45.2	20.4	19.7 - 21.3	5.9	5.5 - 6.4	5.1	4.9 - 5.3	11.3	11.0 - 11.6	18.2	17.9 - 18.7	1590	1390 - 1750
OAC Strive	MG 0	IY	23.7	21.5 - 24.6	43.9	42.7 - 44.7	20.8	20.1 - 21.7	6.2	5.7 - 6.4	4.7	4.6 - 4.8	11.3	10.9 - 11.5	17.8	17.6 - 18.0	1850	1730 - 2080
OAC Thamesville	MG 2 Early	Y	22.3	19.9 - 24.6	42.9	42.4 - 43.2	21.1	20.7 - 21.6	6.7	6.2 - 7.6	4.3	4.2 - 4.5	11.5	11.0 - 12.2	18.4	18.1 - 19.0	1450	1090 - 1830
OAC Thamesville	MG 2 Late	Y	23.2	21.0 - 24.3	41.1	40.8 - 41.6	22.4	22.0 - 22.6	6.6	6.2 - 7.1	4.3	4.2 - 4.4	11.4	11.0 - 11.8	18.2	18.0 - 18.4	1610	1150 - 1970
OAC Wallace	MG 0	BR	21.8	20.0 - 23.0	38.2	36.5 - 40.5	22.9	21.1 - 24.1	6.2	5.8 - 6.6	5.1	5.0 - 5.2	11.7	11.3 - 12.0	20.0	19.7 - 20.5	2610	2420 - 2880
Osaka	MG 0	Y	21.8	20.7 - 22.3	41.6	40.4 - 42.2	21.8	20.4 - 22.8	6.9	6.1 - 7.9	4.7	4.4 - 4.8	11.8	11.1 - 12.7	19.0	18.7 - 19.5	1840	1800 - 1910
Osaka	MG 1	Y	22.7	20.6 - 24.2	41.8	40.3 - 43.1	21.9	21.1 - 23.0	7.2	7.0 - 7.6	4.4	4.2 - 4.6	11.9	11.6 - 12.3	19.0	18.8 - 19.5	1950	1420 - 2190
P04T10	MG 0	IY	21.4	19.5 - 22.6	44.1	43.0 - 44.9	20.5	19.8 - 21.4	6.1	5.7 - 6.3	4.9	4.8 - 5.0	11.4	11.1 - 11.7	18.1	17.8 - 18.3	1650	1480 - 1780
P05T80	MG 0	IY	23.6	22.2 - 24.4	42.0	40.6 - 43.3	22.0	20.7 - 22.9	6.5	5.8 - 7.0	4.4	4.3 - 4.5	11.3	10.7 - 11.7	18.6	18.2 - 18.8	2260	2070 - 2430
P07T86	MG 0	IY	23.3	21.4 - 24.5	45.9	45.0 - 47.1	20.5	19.6 - 21.3	5.0	4.5 - 5.5	5.2	5.0 - 5.4	10.6	10.0 - 11.0	17.3	17.0 - 17.7	1390	1280 - 1540
PRO 275	MG 0	IY	21.7	18.3 - 24.2	40.2	39.2 - 42.0	21.8	20.7 - 22.6	7.0	6.5 - 7.5	4.6	4.5 - 4.8	12.2	11.8 - 12.6	19.3	18.6 - 19.8	2280	2100 - 2650
S07-D2	MG 0	Y	24.1	21.7 - 25.3	44.2	42.6 - 45.2	20.2	19.1 - 21.0	5.8	5.3 - 6.2	5.0	4.8 - 5.1	11.2	10.7 - 11.5	18.5	18.2 - 18.7	2150	1920 - 2350
S07-M8	MG 0	IY	24.0	22.4 - 25.2	43.3	42.5 - 43.8	21.0	20.1 - 22.0	6.6	6.2 - 7.1	4.4	4.3 - 4.5	11.4	11.1 - 11.7	18.1	17.6 - 18.6	2310	2190 - 2450
S14-H3	MG 1	IY	24.2	20.2 - 27.0	43.4	42.6 - 43.9	20.3	19.9 - 20.6	7.1	7.1 - 7.2	4.4	4.3 - 4.6	12.0	11.9 - 12.1	19.0	18.9 - 19.0	2100	1960 - 2260
S16-F5	MG 1	Y	26.1	19.9 - 29.8	45.0	43.9 - 45.7	20.0	19.7 - 20.5	6.0	5.8 - 6.2	4.6	4.5 - 4.7	11.0	10.9 - 11.3	18.1	18.0 - 18.3	2400	2060 - 2730
S18-R6	MG 1	Y	24.3	22.9 - 27.2	40.5	39.5 - 41.4	21.2	21.0 - 21.7	7.3	7.1 - 7.5	4.8	4.6 - 5.0	12.4	12.1 - 12.8	19.8	19.5 - 20.1	2100	1740 - 2350
S18-R6	MG 2 Early	Y	21.1	18.8 - 23.9	41.0	40.5 - 41.7	21.7	21.3 - 22.1	6.5	6.0 - 7.1	5.0	4.8 - 5.2	11.8	11.6 - 12.2	19.0	18.5 - 19.5	1610	1260 - 1860
S20-G7	MG 2 Early	Y	22.4	19.4 - 25.3	44.5	43.8 - 44.7	20.8	20.3 - 21.7	6.2	5.4 - 6.8	4.7	4.6 - 4.8	11.1	10.6 - 11.6	17.8	17.3 - 18.1	1610	1250 - 1830
S21-C3	MG 2 Early	Y	20.1	17.6 - 22.5	42.9	42.3 - 43.4	20.7	20.4 - 21.2	6.2	5.8 - 6.5	4.9	4.7 - 5.0	11.6	11.2 - 12.0	18.6	18.2 - 18.8	2100	1930 - 2250
SG 2311	MG 2 Early	Y	20.8	17.0 - 24.4	43.1	42.7 - 43.7	20.8	20.6 - 21.2	6.6	6.1 - 7.1	4.7	4.5 - 4.9	11.7	11.4 - 12.2	18.5	18.1 - 18.9	1330	1010 - 1570
SG 2311	MG 2 Late	Y	21.7	20.1 - 24.0	41.4	40.7 - 41.7	22.0	21.4 - 22.3	6.6	6.1 - 7.0	4.7	4.6 - 4.8	11.8	11.4 - 12.2	18.5	18.3 - 18.7	1530	1020 - 1750
Skyline	MG 0	Y	21.3	19.1 - 22.5	44.5	41.8 - 46.0	21.0	19.4 - 22.6	5.3	4.9 - 5.7	5.0	4.8 - 5.1	10.7	10.2 - 11.0	17.6	17.3 - 17.9	1480	1300 - 1590
Skyline	MG 1	Y	22.6	21.3 - 25.4	44.7	43.1 - 45.7	21.3	20.8 - 22.2	5.1	4.8 - 5.4	4.8	4.7 - 4.9	10.4	10.1 - 10.7	17.2	17.1 - 17.5	1390	1160 - 1520
SVX14T1G1	MG 1	Y	25.5	20.6 - 31.4	41.6	40.6 - 42.7	22.0	21.4 - 22.6	6.6	6.5 - 6.7	4.6	4.5 - 4.7	11.5	11.4 - 11.7	18.7	18.5 - 18.9	1620	1360 - 1950
SVX14T1G1	MG 2 Early	Y	22.1	19.3 - 25.7	42.6	41.4 - 43.6	21.8	21.2 - 22.8	5.8	5.3 - 6.4	4.8	4.7 - 5.0	10.9	10.6 - 11.4	18.0	17.7 - 18.4	1220	790 - 1680
Taurus	MG 0	IY	23.6	21.1 - 24.9	40.4	38.5 - 41.9	22.0	20.7 - 23.1	6.3	5.6 - 6.9	5.1	4.8 - 5.4	11.8	11.2 - 12.1	19.4	19.0 - 19.7	2190	1940 - 2490
Volta	MG 0	BR	19.7	18.4 - 20.9	41.5	40.2 - 42.4	21.4	20.3 - 22.6	6.6	5.9 - 7.2	4.9	4.9 - 5.0	12.0	11.4 - 12.4	18.9	18.6 - 19.6	2450	2350 - 2580
X790P	MG 2 Early	Y	25.8	20.7 - 30.5	48.6	47.8 - 49.1	18.8	18.3 - 19.6	4.8	4.5 - 5.2	5.0	4.8 - 5.1	10.1	9.9 - 10.4	16.9	16.5 - 17.1	1720	1480 - 1930

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.

[2]stachyose and raffinose

[3]includes all soluble sugars

[4]includes soluble and non-soluble sugars

[5]the sum of genistein, daidzein and glycitein aglycone equivalents

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

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

[8]averaged across all test sites where the variety was grown

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