Canadian Food-Grade Soybean Database - 2015 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	21.0	18.5 - 25.5	42.9	41.1 - 45.2	21.2	20.4 - 21.8	6.2	5.6 - 6.9	4.8	4.6 - 5.0	11.5	11.1 - 12.1	17.8	17.4 - 18.5	1460	1140 - 1790
AAC 26-15	MG 2 Late	Y	20.5	17.0 - 24.2	42.2	40.3 - 44.7	21.4	20.5 - 22.1	6.0	5.8 - 6.4	4.8	4.6 - 5.1	11.2	11.0 - 11.5	17.8	17.5 - 18.2	1410	1370 - 1470
AAC Malden	MG 2 Early	Y	22.5	17.6 - 27.9	45.4	43.6 - 47.1	18.9	17.8 - 19.5	6.5	5.7 - 7.1	4.7	4.5 - 5.0	11.7	11.1 - 12.2	18.2	17.6 - 18.8	1760	1440 - 2040
AAC Malden	MG 2 Late	Y	24.0	20.5 - 29.5	43.5	41.5 - 46.6	20.6	18.4 - 23.1	6.6	6.5 - 6.8	4.7	4.4 - 4.8	11.8	11.6 - 11.9	18.3	17.9 - 18.6	2030	1870 - 2240
AAC Mandor	MG 0	Y	20.4	19.1 - 21.9	40.7	40.4 - 41.4	20.7	19.9 - 21.2	8.4	8.0 - 8.7	4.2	4.1 - 4.2	13.1	12.7 - 13.4	19.4	19.0 - 19.6	2430	2380 - 2500
AAC Stern	MG 2 Late	Y	19.3	14.7 - 24.7	42.5	40.1 - 45.9	21.1	19.6 - 22.3	6.0	5.7 - 6.4	4.8	4.6 - 5.0	11.3	11.0 - 11.5	17.6	17.3 - 17.8	1760	1490 - 2020
AAC Vireo	MG 0	IY	24.5	22.6 - 27.0	44.0	43.6 - 44.3	20.8	20.1 - 21.4	5.9	5.4 - 6.1	4.8	4.7 - 4.9	11.0	10.5 - 11.3	17.6	17.1 - 17.8	1720	1680 - 1800
AAC Zaurak	MG 1	Y	20.2	17.1 - 21.6	39.9	39.2 - 40.6	21.0	20.5 - 21.5	7.2	6.8 - 7.6	4.9	4.8 - 4.9	12.3	12.1 - 12.7	19.4	19.2 - 19.6	2610	2500 - 2720
Acora	MG 1	IY	22.2	19.6 - 24.6	42.1	40.6 - 42.6	20.9	20.4 - 21.6	7.0	6.7 - 7.3	4.8	4.7 - 4.9	12.2	12.0 - 12.5	18.5	18.3 - 18.6	1980	1830 - 2080
ADV Cadet	MG 1	Y	24.0	22.0 - 25.8	45.1	44.3 - 46.4	19.4	18.9 - 19.9	6.0	5.6 - 6.3	4.9	4.8 - 5.0	11.2	10.9 - 11.5	17.8	17.4 - 18.2	2030	1880 - 2270
Amadeus	MG 0	IY	20.5	18.6 - 22.2	47.9	47.5 - 48.3	18.1	17.4 - 18.5	5.4	5.2 - 5.5	5.1	5.1 - 5.1	10.8	10.6 - 10.9	17.3	16.9 - 17.5	1560	1470 - 1690
Anser	MG 0	IY	21.4	20.2 - 22.2	40.5	39.4 - 41.7	21.7	20.9 - 22.9	6.2	5.8 - 6.4	4.9	4.8 - 5.0	11.5	11.2 - 11.8	18.7	18.4 - 19.0	1810	1750 - 1860
Arius	MG 1	Y	25.0	23.0 - 26.6	44.0	43.2 - 44.5	19.8	19.4 - 20.1	6.9	6.7 - 7.5	4.4	4.2 - 4.5	11.7	11.5 - 12.2	18.3	18.1 - 18.6	1500	1350 - 1650
Astor	MG 0	Y	23.2	20.4 - 25.4	43.4	42.9 - 43.7	21.6	21.0 - 22.0	6.0	5.7 - 6.3	4.4	4.4 - 4.4	10.7	10.5 - 11.0	17.4	17.0 - 17.8	2300	2240 - 2340
Asuka	MG 0	IY	22.3	19.6 - 25.6	42.7	42.2 - 42.9	20.2	20.0 - 20.5	7.3	6.9 - 7.5	4.9	4.8 - 4.9	12.6	12.3 - 12.8	18.8	18.3 - 19.1	1930	1700 - 2140
Auriga	MG 0	Y	20.9	19.6 - 22.1	39.3	38.7 - 40.3	21.5	20.7 - 22.0	8.1	7.9 - 8.3	5.2	5.2 - 5.3	13.6	13.4 - 13.8	19.8	19.4 - 20.1	1860	1800 - 1930
Aviator	MG 1	BR	21.8	20.0 - 23.4	41.8	40.9 - 42.7	21.1	20.5 - 21.5	7.3	6.9 - 7.7	4.9	4.9 - 5.0	12.5	12.1 - 12.8	18.4	18.0 - 18.7	2600	2440 - 2760
Bakara	MG 1	IY	23.4	21.9 - 24.7	44.3	43.8 - 44.7	20.2	19.6 - 20.8	7.0	6.8 - 7.2	4.6	4.5 - 4.7	12.0	11.8 - 12.2	17.7	17.5 - 17.9	1600	1550 - 1680
Black Pearl	MG 1	BL	21.5	19.4 - 23.1	42.1	41.5 - 42.5	21.6	21.2 - 21.8	6.9	6.8 - 7.3	4.4	4.3 - 4.5	11.7	11.5 - 12.0	17.5	17.4 - 17.7	1550	1470 - 1650
Candor	MG 1	Y	27.4	24.2 - 28.9	44.1	42.6 - 44.9	19.8	19.3 - 20.4	7.0	6.8 - 7.1	4.5	4.4 - 4.7	11.8	11.5 - 12.1	18.0	17.7 - 18.3	1730	1650 - 1900
Candor	MG 2 Early	Y	24.3	20.7 - 30.6	44.3	43.5 - 45.2	20.5	20.2 - 21.1	6.4	5.8 - 6.9	4.6	4.4 - 4.8	11.4	10.9 - 11.9	17.7	17.4 - 18.2	1340	1090 - 1600
Celebrity	MG 0	IY	19.9	17.5 - 22.5	42.6	42.3 - 42.9	21.1	20.5 - 21.8	6.5	5.8 - 7.0	5.0	5.0 - 5.1	11.9	11.2 - 12.4	18.3	17.7 - 18.9	1600	1300 - 1760
Chikala	MG 0	Y	10.3	9.1 - 11.7	39.9	39.0 - 41.2	20.7	20.3 - 21.2	6.0	5.7 - 6.4	5.2	5.2 - 5.2	11.4	11.1 - 11.8	19.4	18.7 - 19.9	1910	1780 - 2150
Colby	MG 1	Y	20.9	20.0 - 22.4	40.0	39.7 - 40.5	21.1	20.8 - 21.4	7.8	7.2 - 8.2	4.7	4.6 - 4.8	12.9	12.4 - 13.2	19.2	18.7 - 19.4	1720	1480 - 1850
DF 155	MG 2 Early	Y	20.8	16.9 - 26.4	43.4	41.1 - 44.5	20.9	20.2 - 21.6	5.6	4.8 - 6.4	5.0	4.7 - 5.3	11.0	10.4 - 11.8	17.6	17.1 - 18.4	1550	1090 - 2120
DF 155	MG 2 Late	Y	20.8	16.4 - 27.1	42.1	38.3 - 45.6	21.4	20.3 - 22.7	5.8	5.4 - 6.0	5.0	4.7 - 5.2	11.2	10.9 - 11.5	17.7	17.2 - 18.2	1650	1370 - 1820
DH401	MG 0	IY	21.4	19.6 - 23.8	46.5	45.4 - 47.3	18.2	18.1 - 18.4	6.2	5.7 - 6.4	4.8	4.7 - 4.9	11.5	11.2 - 11.8	17.9	17.4 - 18.1	1890	1750 - 2030
DH410SCN	MG 1	Y	20.2	18.3 - 21.3	44.2	43.2 - 44.8	20.4	19.8 - 21.0	5.4	5.2 - 5.9	4.9	4.7 - 5.0	10.8	10.4 - 11.3	17.3	16.9 - 17.5	1450	1410 - 1480
DH4173	MG 1	Y	21.0	19.9 - 22.2	41.3	40.6 - 42.6	20.7	20.1 - 21.0	7.2	6.9 - 7.4	4.7	4.6 - 4.7	12.5	12.2 - 12.7	18.9	18.8 - 19.1	1870	1740 - 1990
DH4202	MG 1	Y	23.0	20.8 - 25.2	40.7	40.2 - 41.5	21.0	20.4 - 21.4	7.2	6.8 - 7.6	4.7	4.7 - 4.8	12.4	12.0 - 12.8	19.0	18.9 - 19.1	1930	1860 - 2010
DH5170	MG 1	Y	18.0	16.0 - 20.3	41.6	41.0 - 41.9	21.0	20.4 - 21.4	6.7	6.1 - 7.3	5.0	4.9 - 5.1	12.2	11.8 - 12.8	18.6	18.3 - 18.8	1630	1510 - 1680
DH530	MG 1	IY	20.1	18.3 - 24.1	41.6	40.1 - 43.0	21.4	20.8 - 22.0	7.0	6.7 - 7.7	4.3	4.2 - 4.4	11.8	11.5 - 12.5	18.7	18.6 - 18.9	2160	2120 - 2200
DH618	MG 0	IY	21.3	19.4 - 24.5	41.6	40.7 - 42.5	21.4	21.1 - 21.7	6.3	5.7 - 6.6	5.0	4.9 - 5.0	11.7	11.2 - 12.0	18.3	17.7 - 18.7	2090	2010 - 2180
DH863	MG 0	IY	20.7	18.7 - 22.8	46.7	46.0 - 47.3	18.5	18.1 - 18.7	5.9	5.4 - 6.1	4.8	4.7 - 4.9	11.2	10.7 - 11.5	17.5	16.9 - 17.8	1710	1430 - 1860
Eider	MG 1	Y	21.4	19.2 - 23.5	42.5	41.6 - 43.2	21.0	20.7 - 21.5	5.7	5.4 - 6.0	4.8	4.8 - 4.8	10.9	10.7 - 11.3	17.8	17.6 - 18.0	1270	1180 - 1420
Emperor	MG 0	IY	25.0	23.3 - 27.0	43.8	43.6 - 44.2	20.2	20.0 - 20.7	6.9	6.0 - 7.6	4.3	4.3 - 4.4	11.8	10.9 - 12.4	18.1	17.3 - 18.7	1850	1370 - 2100
Emperor	MG 1	IY	25.0	22.6 - 26.9	43.8	43.2 - 44.3	20.6	20.2 - 20.9	6.5	6.4 - 6.8	4.2	4.1 - 4.3	11.4	11.2 - 11.6	17.6	17.4 - 17.7	1440	1400 - 1500
Etna	MG 0	IY	21.4	19.7 - 22.5	41.5	41.0 - 42.1	21.7	21.2 - 22.1	7.9	7.2 - 8.3	4.5	4.3 - 4.7	12.8	12.0 - 13.3	18.7	18.1 - 19.2	1990	1830 - 2130
Factor	MG 0	GR	20.1	16.6 - 23.5	42.9	42.3 - 43.5	21.0	20.7 - 21.5	6.7	6.1 - 7.2	4.5	4.4 - 4.5	11.5	11.0 - 11.9	18.3	17.6 - 18.9	2260	2020 - 2450
Furio	MG 0	IY	23.3	21.9 - 25.2	44.2	43.4 - 45.7	20.0	19.9 - 20.1	7.2	6.3 - 7.6	4.7	4.7 - 4.8	12.4	11.5 - 12.8	18.0	17.0 - 18.6	1580	1290 - 1850

Canadian Food-Grade Soybean Database - 2015 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
Furio	MG 1	IY	23.5	21.8 - 26.0	44.3	43.8 - 44.7	20.1	20.0 - 20.2	6.8	6.5 - 7.4	4.7	4.6 - 4.8	12.1	11.9 - 12.6	17.6	17.4 - 17.9	1380	1260 - 1480
Gladiator	MG 0	IY	23.4	21.0 - 25.4	44.8	44.3 - 45.8	19.7	19.4 - 20.1	6.9	6.0 - 7.6	4.5	4.4 - 4.5	11.7	10.9 - 12.4	18.0	17.2 - 18.7	2430	1910 - 2800
Grandor	MG 1	IY	21.6	20.5 - 24.1	44.3	44.0 - 44.8	19.9	19.5 - 20.3	6.3	5.9 - 6.7	4.6	4.5 - 4.7	11.4	11.1 - 11.8	17.8	17.6 - 18.0	1630	1440 - 1730
Hana	MG 0	Y	20.4	19.2 - 21.5	45.5	44.9 - 46.0	19.4	19.3 - 19.6	5.6	5.2 - 5.7	5.0	5.0 - 5.1	11.0	10.7 - 11.2	17.5	17.1 - 17.7	1920	1780 - 2010
Havane	MG 1	Y	21.7	19.6 - 23.6	42.1	41.4 - 42.6	20.6	20.1 - 21.1	7.2	6.9 - 7.5	4.4	4.2 - 4.5	12.1	11.8 - 12.4	18.5	18.3 - 18.7	1480	1280 - 1590
HDC 1600T	MG 1	Y	21.7	19.2 - 25.7	42.4	41.7 - 43.0	21.0	20.3 - 21.7	5.9	5.7 - 6.3	5.2	5.0 - 5.3	11.5	11.3 - 11.8	17.9	17.7 - 18.1	1720	1690 - 1770
HDC 1600T	MG 2 Early	Y	18.0	15.1 - 22.3	43.3	41.7 - 45.1	21.3	20.1 - 21.8	4.9	4.2 - 5.6	5.4	5.1 - 5.8	10.8	10.3 - 11.2	17.3	16.9 - 17.9	1200	810 - 1570
HDC Blake	MG 1	Y	26.5	23.9 - 28.7	42.9	41.7 - 43.7	20.3	19.5 - 20.9	7.5	7.1 - 7.8	4.4	4.2 - 4.5	12.2	12.0 - 12.6	18.4	18.1 - 18.5	1570	1510 - 1630
HDC Blake	MG 2 Early	Y	21.4	19.4 - 24.8	43.8	41.3 - 45.6	20.8	19.6 - 21.7	6.7	6.1 - 7.4	4.4	4.1 - 4.8	11.6	11.3 - 12.1	18.0	17.5 - 18.7	1130	820 - 1430
HDC Carlow	MG 1	Y	23.8	22.1 - 24.9	42.7	42.0 - 43.3	20.9	20.0 - 21.6	6.2	6.0 - 6.6	4.5	4.4 - 4.7	11.0	10.7 - 11.4	17.8	17.7 - 17.9	2270	2190 - 2350
HDC Goshen	MG 1	Y	23.3	20.7 - 25.5	43.3	42.8 - 43.7	19.9	19.6 - 20.2	6.7	6.5 - 7.0	5.0	5.0 - 5.1	12.1	12.0 - 12.5	18.1	17.9 - 18.3	1560	1420 - 1640
HDC Goshen	MG 2 Early	Y	20.6	19.3 - 23.3	44.1	42.7 - 44.9	20.1	19.4 - 20.4	6.2	5.7 - 6.7	5.1	4.8 - 5.3	11.8	11.4 - 12.2	17.8	17.5 - 18.3	1210	990 - 1450
HS 09C02	MG 0	Y	21.3	19.2 - 23.9	41.9	41.5 - 42.7	20.8	20.5 - 21.2	7.1	6.7 - 7.3	5.0	4.9 - 5.2	12.5	12.0 - 12.8	18.9	18.2 - 19.4	1290	1020 - 1530
HS 13C38	MG 1	Y	20.6	18.7 - 22.9	41.5	41.1 - 41.9	21.4	21.0 - 21.9	6.6	6.3 - 6.9	4.7	4.6 - 4.8	11.7	11.4 - 12.1	18.1	18.0 - 18.2	1760	1720 - 1790
HS 21CS43	MG 2 Early	Y	17.2	13.6 - 21.9	43.8	42.5 - 45.0	19.9	19.0 - 20.6	5.4	4.8 - 5.9	5.1	4.9 - 5.3	10.9	10.5 - 11.3	17.9	17.7 - 18.4	2020	1740 - 2350
Jari	MG 0	IY	20.1	18.1 - 22.6	46.5	45.4 - 47.7	19.0	18.9 - 19.2	5.7	5.0 - 6.1	4.9	4.9 - 4.9	11.0	10.4 - 11.5	17.1	16.3 - 17.5	1600	1420 - 1760
Karra	MG 1	Y	21.8	19.1 - 23.5	42.9	42.2 - 43.3	20.4	19.9 - 20.7	7.0	6.9 - 7.2	4.9	4.8 - 5.1	12.3	12.2 - 12.4	18.4	18.3 - 18.6	2580	2300 - 2850
Kyoto	MG 0	Y	20.6	18.5 - 22.8	43.8	43.2 - 44.5	20.3	20.2 - 20.3	7.0	6.7 - 7.3	4.7	4.6 - 4.8	12.1	11.8 - 12.3	18.0	17.5 - 18.4	2430	2260 - 2560
Marula	MG 0	Y	22.9	21.2 - 25.0	43.1	42.4 - 44.0	20.4	20.1 - 20.5	6.8	6.1 - 7.2	5.1	5.0 - 5.2	12.1	11.4 - 12.6	18.4	17.8 - 18.8	1660	1330 - 1940
Mersea	MG 2 Early	Y	20.8	17.6 - 26.0	42.1	40.5 - 42.8	21.3	20.7 - 21.9	6.5	6.0 - 7.1	4.9	4.7 - 5.0	11.8	11.4 - 12.2	18.4	18.0 - 19.0	1310	1060 - 1560
Mersea	MG 2 Late	Y	22.8	19.8 - 27.7	41.5	39.7 - 43.2	21.6	21.0 - 22.4	6.6	6.5 - 6.7	4.8	4.6 - 5.0	11.9	11.7 - 12.0	18.5	18.2 - 18.8	1460	1200 - 1600
Meteor	MG 0	IY	21.2	18.9 - 23.4	46.8	45.6 - 47.8	18.1	17.9 - 18.3	6.2	5.7 - 6.5	4.8	4.7 - 4.9	11.5	11.1 - 11.8	17.8	17.1 - 18.1	1920	1610 - 2120
Misty	MG 0	IY	19.1	18.1 - 20.5	42.3	41.5 - 43.5	20.3	20.1 - 20.5	6.3	5.9 - 6.6	4.9	4.9 - 4.9	11.6	11.1 - 11.8	18.8	18.4 - 19.0	2220	2100 - 2300
Narita	MG 0	IY	23.5	20.1 - 26.9	42.9	42.4 - 43.6	20.9	20.6 - 21.3	6.7	6.4 - 7.0	4.7	4.6 - 4.8	11.9	11.7 - 12.1	18.1	17.7 - 18.3	1440	1320 - 1650
Neptune	MG 0	IY	23.2	21.6 - 25.2	41.8	40.9 - 42.6	21.3	20.8 - 21.6	7.2	6.6 - 7.7	4.7	4.7 - 4.8	12.4	11.8 - 12.8	18.6	17.9 - 19.0	2180	2010 - 2360
OAC Avatar	MG 1	Y	21.5	19.1 - 23.6	41.8	40.4 - 42.5	20.8	20.3 - 21.4	7.1	6.9 - 7.4	4.8	4.8 - 4.9	12.2	12.0 - 12.4	18.9	18.8 - 19.1	2530	2360 - 2820
OAC Brooke	MG 2 Early	Y	21.9	17.9 - 27.2	42.4	41.1 - 44.3	20.9	20.4 - 21.3	6.8	6.2 - 7.5	4.6	4.4 - 4.9	12.1	11.6 - 12.6	18.4	18.0 - 18.9	1430	1180 - 1720
OAC Brooke	MG 2 Late	Y	21.8	17.5 - 27.6	43.7	42.0 - 45.4	20.2	18.8 - 21.2	6.6	6.3 - 7.1	4.6	4.3 - 5.0	11.9	11.6 - 12.1	18.1	17.9 - 18.4	1310	1140 - 1470
OAC Calypso	MG 1	IY	22.5	20.1 - 23.7	38.8	37.5 - 40.6	21.8	21.2 - 22.4	7.1	6.8 - 7.4	4.9	4.8 - 5.1	12.3	12.0 - 12.9	19.6	19.2 - 20.0	2900	2660 - 3180
OAC Champion	MG 0	IY	22.5	21.1 - 24.6	43.9	43.3 - 44.6	20.6	20.2 - 21.0	5.6	5.2 - 5.8	4.9	4.8 - 4.9	10.9	10.6 - 11.2	17.6	17.2 - 17.9	1680	1580 - 1760
OAC Drayton	MG 0	LBR	20.3	17.1 - 23.0	39.0	38.6 - 39.7	22.2	21.9 - 22.4	6.5	6.0 - 6.8	5.1	5.0 - 5.1	11.9	11.4 - 12.2	19.2	18.8 - 19.7	3280	3020 - 3610
OAC Durham	MG 0	Y	22.5	19.7 - 25.0	41.6	41.1 - 42.6	20.8	20.4 - 21.2	8.1	7.1 - 8.5	4.3	4.3 - 4.4	12.9	12.0 - 13.4	18.8	18.0 - 19.3	2290	1980 - 2460
OAC Eve	MG 0	IY	22.9	20.9 - 25.1	42.0	41.3 - 42.4	19.9	19.2 - 20.4	7.5	6.9 - 8.0	5.1	5.0 - 5.2	12.9	12.4 - 13.4	19.1	18.7 - 19.4	2050	1690 - 2370
OAC Kent	MG 2 Early	Y	21.0	18.5 - 25.2	42.5	40.9 - 44.3	22.3	21.0 - 23.0	5.8	5.6 - 6.1	4.8	4.6 - 5.1	10.9	10.7 - 11.2	17.7	17.3 - 18.3	1080	720 - 1340
OAC Kent	MG 2 Late	Y	21.0	16.7 - 27.6	42.5	40.4 - 44.0	21.4	19.7 - 23.4	5.8	5.7 - 5.8	4.8	4.6 - 4.9	10.8	10.4 - 11.0	17.6	17.2 - 17.9	1220	1050 - 1400
OAC Lakeview	MG 0	Y	21.1	18.7 - 23.7	40.2	40.0 - 40.4	21.6	20.8 - 22.4	7.5	7.1 - 7.8	4.6	4.6 - 4.7	12.5	12.0 - 12.8	19.3	18.7 - 19.8	2470	2230 - 2650
OAC Marvel	MG 2 Early	Y	20.8	18.1 - 24.7	43.5	41.7 - 45.2	20.5	19.9 - 21.1	6.1	5.6 - 6.7	5.1	4.9 - 5.3	11.5	11.2 - 11.9	17.9	17.5 - 18.6	1270	1030 - 1680
OAC Marvel	MG 2 Late	Y	20.2	15.5 - 26.9	43.2	41.5 - 46.6	20.5	19.7 - 20.9	5.9	5.8 - 6.0	5.1	4.9 - 5.4	11.5	11.2 - 12.0	17.7	17.0 - 18.2	1330	1310 - 1350
OAC Morden	MG 0	BF	20.2	17.9 - 22.3	39.5	39.3 - 39.9	22.3	21.4 - 22.9	7.3	7.2 - 7.4	4.4	4.4 - 4.5	12.0	11.9 - 12.2	19.0	18.9 - 19.1	2370	2250 - 2520
OAC Nation	MG 0	IY	21.4	19.5 - 23.5	42.5	42.3 - 42.8	20.6	20.1 - 21.5	7.2	6.7 - 7.5	4.8	4.6 - 4.9	12.5	11.9 - 12.9	18.7	18.2 - 19.1	1610	1440 - 1730

Canadian Food-Grade Soybean Database - 2015 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 Petrel	MG 0	IY	17.4	15.1 - 20.4	42.2	41.8 - 42.5	20.6	20.3 - 21.1	6.7	6.4 - 7.0	4.9	4.9 - 5.0	12.1	11.8 - 12.4	18.3	17.8 - 18.5	2060	2020 - 2140
OAC Prescott	MG 0	GR	21.8	18.7 - 25.2	40.3	39.6 - 41.1	21.9	21.6 - 22.1	7.0	6.5 - 7.5	5.0	4.8 - 5.1	12.3	11.7 - 12.8	19.1	18.5 - 19.7	2650	2270 - 2880
OAC Prosper	MG 2 Early	Y	18.9	16.7 - 23.5	43.2	41.5 - 45.3	20.5	19.8 - 21.2	6.3	6.0 - 6.6	5.2	5.1 - 5.4	11.9	11.7 - 12.1	17.9	17.5 - 18.5	1750	1520 - 2020
OAC Strive	MG 0	IY	23.2	20.3 - 25.7	44.3	43.8 - 45.0	20.0	19.9 - 20.1	6.7	6.1 - 7.2	4.6	4.5 - 4.7	11.8	11.1 - 12.1	17.7	17.2 - 18.1	1950	1810 - 2030
OAC Thamesville	MG 2 Early	Y	21.2	18.2 - 25.6	42.3	41.0 - 43.2	21.3	20.8 - 21.6	7.1	6.4 - 7.7	4.5	4.4 - 4.8	12.0	11.7 - 12.5	18.4	17.9 - 18.9	1450	940 - 1720
OAC Thamesville	MG 2 Late	Y	21.8	18.8 - 27.4	42.2	41.2 - 43.4	21.3	21.1 - 21.3	6.9	6.8 - 7.0	4.5	4.3 - 4.8	11.9	11.8 - 11.9	18.2	18.0 - 18.3	1350	1230 - 1710
OAC Wallace	MG 0	BR	20.8	18.2 - 23.3	38.6	38.0 - 39.0	22.3	21.6 - 22.7	6.9	6.4 - 7.3	4.9	4.9 - 5.0	12.1	11.7 - 12.5	19.6	19.1 - 20.0	2690	2260 - 3030
Osaka	MG 0	Y	20.5	17.8 - 23.4	41.8	40.7 - 43.5	20.9	20.7 - 21.2	7.7	6.8 - 8.3	4.5	4.4 - 4.6	12.6	11.6 - 13.2	18.9	18.0 - 19.6	2090	1580 - 2360
Osaka	MG 1	Y	19.3	17.1 - 21.5	42.3	41.8 - 42.7	20.9	20.6 - 21.0	7.2	6.9 - 7.6	4.6	4.5 - 4.6	12.2	12.0 - 12.5	18.5	18.4 - 18.7	1680	1580 - 1790
P04T10	MG 0	IY	20.3	17.7 - 23.3	44.6	44.0 - 45.0	19.4	19.2 - 19.9	6.8	6.3 - 7.0	4.9	4.9 - 5.0	12.1	11.6 - 12.3	18.2	17.8 - 18.5	1930	1710 - 2160
P05T80	MG 0	IY	22.3	20.1 - 24.4	42.0	41.4 - 42.8	21.3	20.7 - 21.8	7.1	6.4 - 7.5	4.4	4.4 - 4.5	11.8	11.2 - 12.3	18.5	18.0 - 19.0	2260	1880 - 2480
P07T86	MG 0	IY	22.7	19.4 - 25.8	46.4	45.2 - 48.0	19.4	19.3 - 19.5	5.8	5.2 - 6.1	5.0	4.9 - 5.1	11.1	10.4 - 11.4	17.3	16.6 - 17.7	1430	1220 - 1540
PRO 275	MG 0	IY	21.5	19.5 - 23.8	41.0	40.8 - 41.2	21.0	20.5 - 21.5	7.6	7.3 - 7.8	4.6	4.4 - 4.7	12.8	12.6 - 12.9	19.2	18.9 - 19.5	2360	2140 - 2520
S03-W4	MG 0	IY	21.3	19.1 - 22.9	43.4	42.7 - 44.3	21.1	20.9 - 21.2	6.6	6.0 - 7.0	4.8	4.7 - 4.9	11.8	11.2 - 12.2	17.9	17.2 - 18.3	1540	1270 - 1760
S07-D2	MG 0	Y	23.2	20.3 - 26.6	44.6	44.0 - 45.7	19.4	19.1 - 19.6	6.5	6.0 - 6.8	4.8	4.6 - 4.9	11.6	11.1 - 12.0	18.5	17.9 - 18.9	2230	1870 - 2430
S07-M8	MG 0	IY	22.7	19.9 - 25.2	43.6	43.0 - 44.2	20.2	19.9 - 20.7	7.3	6.6 - 7.7	4.5	4.4 - 4.6	12.1	11.3 - 12.5	18.5	17.7 - 19.0	2540	2250 - 2700
S12-A5	MG 1	BR	21.2	19.4 - 22.7	41.4	41.0 - 41.8	21.0	20.7 - 21.3	7.5	7.2 - 7.7	4.7	4.5 - 4.7	12.6	12.4 - 12.9	18.7	18.6 - 19.0	2400	2230 - 2580
S16-F5	MG 1	Y	24.8	22.1 - 27.0	43.9	43.0 - 44.7	19.7	19.1 - 20.2	6.3	6.1 - 6.5	4.7	4.5 - 4.9	11.4	11.0 - 11.8	17.8	17.5 - 18.0	2390	2260 - 2560
S18-R6	MG 1	Y	21.9	20.4 - 23.0	40.9	40.0 - 41.5	20.6	20.0 - 21.0	7.2	7.1 - 7.5	4.9	4.8 - 5.1	12.5	12.3 - 12.9	19.1	18.9 - 19.2	2120	1900 - 2380
S18-R6	MG 2 Early	Y	19.8	16.9 - 23.6	41.6	40.4 - 42.3	21.1	20.7 - 21.5	6.4	5.7 - 7.1	5.0	4.6 - 5.3	11.9	11.6 - 12.2	18.4	18.0 - 19.0	1520	1290 - 1740
S20-G7	MG 2 Early	Y	20.7	17.1 - 25.3	44.1	42.9 - 45.3	20.5	20.1 - 20.9	6.2	5.5 - 6.9	4.9	4.7 - 5.0	11.4	10.9 - 12.0	17.5	17.2 - 18.1	1550	1240 - 1840
S21-C3	MG 2 Early	Y	17.5	14.2 - 20.7	41.6	40.5 - 42.4	21.0	20.1 - 21.6	6.2	5.6 - 6.8	5.1	4.9 - 5.3	11.8	11.5 - 12.2	18.3	17.9 - 18.8	1950	1460 - 2340
Saska	MG 0	IY	19.8	18.8 - 21.4	41.3	40.6 - 41.8	21.0	20.4 - 21.7	7.9	7.1 - 8.5	4.7	4.6 - 4.7	12.9	12.2 - 13.4	19.0	18.4 - 19.5	2720	2270 - 2990
SG 2311	MG 2 Early	Y	20.4	18.5 - 24.7	42.3	40.8 - 43.4	20.8	20.4 - 21.1	7.0	6.5 - 7.6	4.8	4.7 - 5.0	12.3	11.8 - 13.0	18.4	18.1 - 19.0	1370	1140 - 1650
SG 2311	MG 2 Late	Y	19.6	18.9 - 20.4	42.1	40.6 - 44.1	21.5	20.4 - 22.5	6.8	6.7 - 7.0	4.9	4.7 - 5.1	12.2	12.1 - 12.3	18.3	17.9 - 18.7	1270	1120 - 1520
SVX14T00S3	MG 0	Y	22.5	20.2 - 25.3	44.2	42.9 - 45.7	19.7	19.3 - 20.1	6.2	5.4 - 6.8	4.7	4.6 - 4.7	11.4	10.6 - 11.9	18.0	17.1 - 18.6	1620	1330 - 1840
SVX14T0S4	MG 0	Y	20.3	19.0 - 22.8	44.5	43.5 - 46.1	20.1	19.7 - 20.3	6.0	5.0 - 6.6	5.0	4.9 - 5.1	11.4	10.5 - 12.1	17.7	16.8 - 18.3	1600	1230 - 1840
SVX14T0S4	MG 1	Y	20.3	18.1 - 21.6	44.6	43.7 - 45.1	20.3	19.8 - 20.6	5.4	5.2 - 5.7	4.9	4.8 - 5.0	10.8	10.6 - 11.1	17.1	17.0 - 17.2	1410	1370 - 1460
SVX14T0S6	MG 0	Y	22.1	19.6 - 25.0	40.8	40.1 - 41.5	21.6	21.2 - 22.3	7.4	6.6 - 7.8	4.6	4.5 - 4.6	12.3	11.4 - 12.7	18.9	18.2 - 19.4	1740	1310 - 2030
SVX14T1S3	MG 1	IY	23.0	20.8 - 25.6	43.3	42.0 - 44.2	20.7	20.1 - 21.3	6.9	6.7 - 7.1	4.8	4.7 - 4.9	12.1	11.9 - 12.4	18.3	18.0 - 18.5	1730	1630 - 1840
Taurus	MG 0	IY	20.8	18.2 - 23.7	45.4	44.2 - 46.6	19.8	19.6 - 19.9	5.8	5.1 - 6.2	4.8	4.7 - 4.9	10.9	10.0 - 11.3	17.6	16.8 - 17.9	1210	1110 - 1320
Toma	MG 0	IY	22.0	20.9 - 24.1	43.4	42.2 - 44.0	20.9	20.6 - 21.1	6.1	5.8 - 6.4	4.6	4.5 - 4.7	11.1	10.7 - 11.5	18.0	17.5 - 18.3	1990	1810 - 2180
X790P	MG 2 Early	Y	24.2	20.7 - 27.8	47.8	46.1 - 48.9	19.0	18.6 - 19.3	5.2	4.8 - 5.8	5.1	4.9 - 5.4	10.7	10.5 - 11.1	16.7	16.4 - 17.5	1430	1100 - 1920

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