Canadian Food-Grade Soybean Database - 2009 Crop Year

Variety Name	Test Area[7]	Hilum Colour	Seed Size (g/100 seeds)		Protein (% DM)[1]		Oil (% DM)		Sucrose (% DM)		Oligosaccarides[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
91M10	MG 1	Y	16.0	14.9 - 17.7	40.9	39.8 - 43.6	19.2	18.4 - 20.5	7.1	6.3 - 7.8	4.1	3.9 - 4.4	11.9	11.1 - 12.6	18.8	18.0 - 19.6	2590	2260 - 2950
92M10	MG 2 Early	Y	16.1	12.9 - 18.5	40.5	39.8 - 41.0	20.4	19.7 - 20.8	6.6	6.2 - 7.1	4.5	4.1 - 4.9	11.7	11.4 - 11.9	19.1	18.7 - 19.5	3000	2410 - 3310
ADV Cadet	MG 1	Y	21.2	20.7 - 21.9	45.4	45.0 - 46.5	17.4	16.9 - 18.3	6.1	5.6 - 6.5	4.5	4.4 - 4.7	11.1	10.7 - 11.5	18.3	17.8 - 19.2	2530	2140 - 2820
ADV Windfall	MG 0	IY	20.9	19.3 - 22.4	44.1	44.0 - 44.3	18.1	17.2 - 19.1	6.9	6.7 - 7.3	4.4	4.3 - 4.6	11.7	11.4 - 12.1	19.3	19.2 - 19.5	2470	2380 - 2690
ADV108	MG 1	Y	20.6	19.1 - 22.4	41.6	40.7 - 42.5	18.5	18.0 - 19.8	7.7	7.0 - 8.5	4.2	4.1 - 4.3	12.5	11.6 - 13.3	19.7	18.6 - 20.7	2610	2160 - 3060
Chikala	MG 0	Y	9.0	7.8 - 10.2	40.4	39.1 - 42.3	19.0	18.1 - 20.3	6.0	5.8 - 6.3	4.8	4.6 - 5.0	11.2	11.1 - 11.3	19.6	19.4 - 20.0	2300	2200 - 2400
Dares	MG 0	IY	21.7	18.9 - 24.1	42.7	41.7 - 43.8	19.4	18.3 - 20.7	6.2	6.0 - 6.8	4.7	4.7 - 4.8	11.4	11.2 - 12.1	19.1	18.9 - 19.4	2310	2210 - 2530
Destiny	MG 1	IY	21.5	20.0 - 23.3	42.7	40.4 - 43.9	18.9	18.6 - 19.7	6.2	5.9 - 6.6	4.5	4.4 - 4.8	11.3	11.1 - 11.7	18.5	18.2 - 18.9	2390	2210 - 2610
DF 155	MG 2 Early	Y	21.8	17.4 - 25.0	46.1	45.4 - 46.8	18.7	17.9 - 19.0	5.8	5.3 - 6.1	4.6	4.3 - 4.8	11.1	11.0 - 11.4	17.9	17.6 - 18.1	2320	1950 - 2600
DF 155	MG 2 Late	Y	23.5	22.7 - 24.0	43.9	43.4 - 44.6	20.2	19.8 - 20.5	5.9	5.4 - 6.2	4.4	4.2 - 4.7	11.1	10.6 - 11.3	17.6	17.4 - 17.8	2510	2390 - 2660
DH410SCN	MG 1	Y	17.0	16.4 - 18.0	44.0	43.4 - 44.5	18.1	17.2 - 19.2	6.1	5.5 - 6.5	4.7	4.5 - 4.9	11.5	11.0 - 11.9	18.5	17.8 - 19.3	2210	2100 - 2490
DH410SCN	MG 2 Early	Y	19.4	16.5 - 20.6	45.2	42.6 - 46.2	19.8	19.5 - 20.3	5.4	5.2 - 5.6	4.6	4.4 - 4.8	10.8	10.6 - 11.0	17.7	17.3 - 18.2	2150	1920 - 2290
DH420	MG 0	LBR	21.7	19.8 - 25.2	45.2	44.7 - 46.2	18.5	17.5 - 19.9	6.0	5.8 - 6.3	4.7	4.6 - 4.8	11.0	10.9 - 11.2	18.4	17.9 - 18.9	1950	1820 - 2120
DH530	MG 1	IY	20.4	18.9 - 21.8	41.6	41.0 - 42.5	19.4	19.0 - 20.3	7.4	7.1 - 8.0	4.1	3.8 - 4.3	12.2	11.8 - 12.7	19.3	18.9 - 19.7	3100	2960 - 3290
Drew	MG 0	IY	19.4	17.3 - 22.1	43.0	42.8 - 43.3	19.4	18.1 - 20.5	6.6	6.4 - 6.8	4.3	4.2 - 4.4	11.5	11.1 - 11.7	19.1	18.7 - 19.5	2120	1990 - 2180
HDC 1600T	MG 1	Y	19.0	17.4 - 21.1	42.4	41.9 - 43.3	18.6	17.9 - 20.0	6.3	5.8 - 7.1	4.9	4.8 - 5.1	11.8	11.2 - 12.4	18.7	18.0 - 19.5	2440	2030 - 2900
HDC 1600T	MG 2 Early	Y	22.2	18.4 - 25.4	43.4	42.4 - 44.6	20.6	20.3 - 20.9	5.6	5.2 - 6.0	4.9	4.7 - 5.1	11.2	10.9 - 11.4	17.9	17.8 - 18.1	2220	1860 - 2460
HDC 2701	MG 0	IY	22.8	21.0 - 24.8	48.2	47.3 - 48.9	17.5	16.3 - 18.6	5.5	5.1 - 6.3	4.5	4.3 - 4.7	10.7	10.3 - 11.5	17.5	17.3 - 17.9	2020	1820 - 2190
HDC 2701	MG 1	IY	21.8	20.0 - 23.5	47.5	46.9 - 48.5	17.7	17.4 - 18.5	5.4	4.9 - 6.0	4.5	4.3 - 4.6	10.6	10.1 - 11.1	17.3	16.8 - 17.8	2060	1650 - 2270
Howick	MG 0	IY	23.2	21.2 - 25.0	45.4	45.0 - 46.0	18.3	17.3 - 19.5	6.4	6.1 - 6.8	4.6	4.4 - 4.7	11.6	11.1 - 12.0	18.9	18.6 - 19.1	2150	1900 - 2450
Katrina	MG 1	IY	19.7	18.7 - 21.8	42.6	39.4 - 44.2	18.8	17.9 - 20.2	7.2	7.0 - 7.3	4.4	4.3 - 4.7	12.2	11.8 - 12.4	19.3	18.8 - 19.6	2550	2360 - 2790
Katrina	MG 2 Early	IY	23.0	18.4 - 25.5	43.7	42.1 - 44.6	20.0	19.7 - 20.3	6.7	6.4 - 7.0	4.4	4.3 - 4.7	11.9	11.6 - 12.1	18.6	18.2 - 19.1	2300	2020 - 2470
MK-H076	MG 2 Early	Y	28.2	24.0 - 30.8	42.8	41.4 - 43.6	20.1	19.9 - 20.2	7.2	6.8 - 7.7	4.2	4.0 - 4.5	12.1	11.9 - 12.3	19.1	18.7 - 19.6	2580	2280 - 2890
MK-H076	MG 2 Late	Y	30.2	29.2 - 31.8	41.4	40.4 - 42.0	21.0	20.6 - 21.1	7.0	6.6 - 7.4	4.2	3.9 - 4.4	11.8	11.4 - 12.1	18.5	18.0 - 19.2	2690	2310 - 3000
Nature	MG 2 Late	Y	26.6	24.4 - 27.8	44.8	44.1 - 45.4	19.8	19.2 - 20.5	6.5	6.1 - 7.0	4.3	4.1 - 4.6	11.6	11.4 - 12.0	18.2	17.7 - 19.2	2390	2100 - 2600
OAC Bayfield	MG 0	BR	20.5	18.2 - 22.1	42.0	41.3 - 42.7	20.0	18.2 - 21.0	6.8	6.6 - 7.1	4.6	4.5 - 4.7	11.8	11.6 - 12.1	19.2	19.0 - 19.4	2350	2130 - 2510
OAC Champion	MG 0	IY	19.5	16.3 - 21.8	44.9	43.5 - 46.2	19.2	18.0 - 20.1	5.2	5.1 - 5.7	4.7	4.5 - 4.9	10.5	10.3 - 10.8	17.8	17.5 - 18.0	1840	1700 - 2030
OAC Ginty	MG 1	BR	17.9	17.4 - 18.7	42.6	41.6 - 43.4	19.2	18.5 - 20.3	6.1	5.6 - 6.7	4.6	4.4 - 4.8	11.2	10.7 - 11.7	18.2	17.5 - 18.6	2500	2160 - 2710
OAC Huron	MG 1	Y	21.0	19.6 - 22.2	42.9	42.4 - 43.6	18.5	17.9 - 19.2	7.3	7.0 - 7.7	4.0	3.8 - 4.3	12.0	11.7 - 12.5	18.8	18.2 - 19.7	2620	2260 - 3070
OAC Kent	MG 2 Early	Y	24.7	19.7 - 27.0	42.9	42.3 - 43.5	21.4	20.5 - 22.1	6.2	5.9 - 6.5	4.3	4.1 - 4.6	11.0	10.8 - 11.4	18.1	17.5 - 18.5	2050	1820 - 2300
OAC Kent	MG 2 Late	Y	23.4	21.6 - 24.8	41.9	41.3 - 42.4	22.5	21.9 - 23.0	6.0	5.8 - 6.2	4.3	4.0 - 4.6	10.8	10.5 - 10.9	17.6	17.2 - 18.0	2120	1740 - 2430
OAC Lakeview	MG 0	Y	19.2	16.6 - 21.4	40.3	39.9 - 40.9	19.8	17.5 - 21.4	7.6	7.4 - 7.9	4.3	4.2 - 4.4	12.4	12.0 - 12.9	19.7	19.4 - 20.1	2810	2650 - 3080
OAC Prodigy	MG 1	IY	20.1	18.9 - 21.7	42.2	41.3 - 43.5	18.8	18.2 - 19.8	6.5	5.9 - 6.9	4.4	4.2 - 4.8	11.4	11.0 - 11.8	19.4	19.1 - 19.9	2670	2230 - 2980
OAC Wallace	MG 0	BR	19.5	16.8 - 22.2	39.5	39.1 - 40.0	20.8	19.2 - 22.0	6.8	6.5 - 7.1	4.6	4.4 - 4.8	11.7	11.5 - 11.9	20.0	19.7 - 20.3	3120	2950 - 3300
OAC Wallace	MG 1	BR	19.5	17.7 - 21.4	38.6	38.0 - 40.2	20.7	19.9 - 21.5	6.9	6.5 - 7.3	4.5	4.3 - 4.7	11.7	11.4 - 12.1	20.0	19.7 - 20.3	3350	3010 - 3580

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Variety Name	Test Area[7]	Hilum Colour	Seed Size (g/100 seeds)		Protein (% DM)[1]		Oil (% DM)		Sucrose (% DM)		Oligosaccarides[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
PRO 25-53	MG 00	IY	19.6	15.6 - 22.0	43.3	42.5 - 43.7	19.5	18.9 - 20.2	6.6	6.5 - 6.8	4.3	4.2 - 4.4	11.3	11.2 - 11.4	18.4	18.2 - 18.6	2590	2530 - 2670
PRO 26-53	MG 0	IY	21.6	18.3 - 24.3	42.1	40.0 - 43.4	19.1	17.4 - 20.2	6.8	6.5 - 7.1	4.6	4.5 - 4.7	11.8	11.4 - 12.3	19.2	19.0 - 19.5	2690	2570 - 2790
PRO 275	MG 0	IY	19.4	17.7 - 21.5	42.0	41.5 - 43.0	19.2	17.7 - 20.5	7.1	6.9 - 7.5	4.5	4.3 - 4.6	12.2	11.9 - 12.4	19.2	18.9 - 19.5	2500	2390 - 2580
PS 73	MG 1	BF	18.2	16.0 - 19.7	41.8	40.6 - 42.9	18.7	17.9 - 19.6	7.2	6.6 - 7.6	4.7	4.5 - 5.0	12.4	12.0 - 12.8	19.7	19.5 - 20.1	3100	2670 - 3340
RCAT Pinehurst	MG 2 Early	Y	19.8	16.4 - 22.4	41.9	40.3 - 43.2	20.1	19.7 - 20.5	7.5	7.2 - 7.9	4.5	4.2 - 4.8	12.6	12.5 - 12.7	19.0	18.5 - 19.4	2220	2040 - 2410
RCAT Pinehurst	MG 2 Late	Y	19.8	18.0 - 21.1	41.0	40.3 - 41.5	21.1	20.5 - 21.4	7.2	7.0 - 7.5	4.5	4.2 - 4.7	12.5	12.1 - 12.7	18.5	17.9 - 19.1	2350	2120 - 2510
S03-W4	MG 0	IY	18.9	17.1 - 20.7	43.6	42.7 - 44.9	19.2	18.5 - 20.1	6.7	6.4 - 7.3	4.7	4.5 - 4.8	11.9	11.5 - 12.4	18.9	18.6 - 19.2	1920	1820 - 2110
S05-T6	MG 0	IY	19.8	17.3 - 22.1	42.1	41.3 - 42.9	19.2	18.2 - 20.3	7.7	7.5 - 7.9	4.5	4.3 - 4.7	12.8	12.4 - 13.1	19.7	19.3 - 20.1	2550	2300 - 2700
S10-B7	MG 1	IY	17.0	15.7 - 17.8	40.6	40.3 - 41.0	19.3	18.9 - 20.1	7.9	7.1 - 8.6	4.2	4.1 - 4.3	12.7	11.9 - 13.3	20.0	19.2 - 20.8	3350	3120 - 3610
S12-A5	MG 1	BR	20.6	18.9 - 23.4	41.3	40.9 - 42.0	18.9	18.3 - 19.9	8.1	7.5 - 8.5	4.4	4.2 - 4.5	13.2	12.3 - 13.7	19.9	19.1 - 20.7	3110	2910 - 3230
S18-R6	MG 1	Y	19.8	18.7 - 20.3	40.9	40.4 - 41.7	18.7	18.2 - 19.7	7.5	7.1 - 8.1	4.6	4.4 - 4.7	12.7	12.1 - 13.2	20.4	19.7 - 21.2	2720	2530 - 2870
S18-R6	MG 2 Early	Y	22.4	20.0 - 23.4	41.8	40.1 - 42.8	20.4	20.2 - 20.8	7.1	6.8 - 7.4	4.5	4.4 - 4.8	12.2	12.0 - 12.3	19.6	19.4 - 20.0	2430	2200 - 2710
S20-G7	MG 2 Early	Y	24.0	18.6 - 27.0	44.3	42.9 - 45.0	19.4	19.2 - 19.5	6.8	6.4 - 7.4	4.3	4.1 - 4.6	11.8	11.5 - 12.2	18.5	18.2 - 18.9	2610	2320 - 2840
S23-T5	MG 2 Early	IY	19.4	16.2 - 21.6	41.5	40.5 - 42.6	19.5	19.2 - 20.0	7.1	6.7 - 7.6	4.4	4.2 - 4.7	12.2	11.9 - 12.5	19.4	19.3 - 19.7	2920	2560 - 3080
S23-T5	MG 2 Late	IY	20.3	19.5 - 21.5	42.0	40.7 - 42.9	20.0	19.4 - 20.4	6.5	6.1 - 6.9	4.6	4.4 - 4.7	11.8	11.5 - 12.1	18.8	18.3 - 19.6	3100	2860 - 3220
S26-F9	MG 2 Late	Y	21.9	20.0 - 23.7	41.9	40.7 - 42.7	21.2	20.7 - 21.8	6.5	6.1 - 6.7	4.5	4.2 - 4.7	11.7	11.4 - 11.9	18.7	18.1 - 19.3	2560	2270 - 2720
Savanna	MG 0	IY	20.6	17.7 - 22.9	43.7	42.5 - 44.4	19.2	18.0 - 20.2	5.9	5.6 - 6.3	4.5	4.4 - 4.7	11.0	10.8 - 11.3	18.5	18.3 - 18.8	2630	2420 - 2800
Stargazer	MG 1	Y	22.9	21.1 - 24.4	43.8	43.0 - 44.9	18.5	17.9 - 19.4	6.5	5.9 - 7.1	4.2	4.2 - 4.3	11.5	10.9 - 11.9	18.3	17.7 - 19.2	2640	2250 - 3020
Stargazer	MG 2 Early	Y	24.7	21.3 - 27.2	45.4	44.2 - 47.6	20.4	19.8 - 20.8	5.5	5.2 - 6.0	4.4	4.3 - 4.6	10.6	10.2 - 11.1	17.5	16.9 - 18.0	2340	2120 - 2540
Venus	MG 0	IY	22.0	19.6 - 23.9	46.6	45.6 - 47.7	18.3	17.1 - 19.0	5.4	5.2 - 5.8	4.7	4.7 - 4.8	10.8	10.6 - 11.3	17.6	17.4 - 18.1	1700	1520 - 1850
X790P	MG 2 Early	Y	25.8	22.7 - 27.9	48.1	45.8 - 49.8	18.2	17.7 - 19.1	5.4	5.1 - 5.6	4.6	4.5 - 4.7	10.6	10.3 - 11.0	17.6	17.2 - 18.0	2380	2290 - 2640
X790P	MG 2 Late	Y	26.9	26.1 - 27.7	48.5	47.8 - 48.9	18.6	18.1 - 19.0	5.0	4.6 - 5.1	4.6	4.3 - 4.8	10.3	10.1 - 10.5	17.0	16.4 - 17.4	2380	2120 - 2480

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