Canadian Food-Grade Soybean Database - 2007 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
90A01	MG 00	IY	17.1	14.6 - 20.8	44.3	42.0 - 46.9	19.5	18.3 - 20.4	5.6	4.9 - 6.1	4.9	4.7 - 5.1	10.7	9.7 - 11.2	18.1	17.5 - 18.4	2080	1490 - 2370
91M10	MG 1	Y	20.3	17.2 - 23.0	42.1	41.4 - 43.6	19.6	18.9 - 20.2	7.4	7.2 - 7.7	4.1	3.4 - 4.5	11.8	10.9 - 12.4	19.1	18.6 - 19.8	1760	1630 - 1940
92M10	MG 2 Early	Y	15.6	14.1 - 16.9	41.1	40.0 - 42.3	21.0	20.4 - 21.4	6.1	5.6 - 6.7	4.9	4.7 - 5.2	11.3	10.9 - 11.8	18.9	18.4 - 19.2	2140	1670 - 2490
92M10	MG 2 Late	Y	16.8	14.6 - 18.9	41.2	41.0 - 41.4	20.9	20.6 - 21.2	5.9	5.5 - 6.2	4.6	4.3 - 4.9	10.9	10.6 - 11.1	18.3	18.1 - 18.6	2520	2120 - 2820
ADV Cadet	MG 1	Y	26.2	21.3 - 29.1	46.5	45.6 - 47.5	17.7	17.1 - 18.0	5.4	5.3 - 5.6	4.6	4.1 - 4.9	10.4	10.0 - 10.6	18.4	18.2 - 18.7	1820	1550 - 2050
ADV Windfall	MG 0	IY	20.3	18.4 - 21.6	44.9	43.4 - 45.8	18.8	18.3 - 19.1	6.0	4.9 - 6.8	4.6	4.3 - 4.9	10.8	10.0 - 11.6	18.4	18.0 - 19.1	1800	1440 - 2070
ADV108	MG 1	Y	23.2	19.7 - 24.8	42.3	41.6 - 43.0	19.8	19.0 - 20.2	6.8	6.7 - 7.2	4.1	3.7 - 4.4	11.2	10.6 - 11.9	19.2	18.6 - 20.0	1860	1600 - 2300
Arva	MG 1	Y	20.4	15.2 - 23.1	41.8	40.7 - 42.6	20.0	19.6 - 20.6	6.1	6.1 - 6.2	4.5	4.0 - 4.8	10.9	10.3 - 11.2	18.9	18.6 - 19.3	1610	1250 - 1870
Auriga	MG 0	Y	18.7	17.3 - 19.5	41.1	40.4 - 41.7	20.0	19.7 - 20.4	6.3	5.7 - 6.7	5.3	5.1 - 5.6	12.0	11.5 - 12.3	19.6	19.6 - 19.6	1220	1010 - 1700
CF0703	MG 0	IY	20.9	19.2 - 23.2	42.8	41.6 - 43.5	19.4	18.7 - 20.5	6.5	6.1 - 6.8	5.0	4.9 - 5.2	11.9	11.6 - 12.3	19.4	19.2 - 19.6	1380	1140 - 1590
Chikala	MG 0	Y	9.1	8.6 - 9.6	41.6	40.9 - 42.6	19.0	18.8 - 19.3	5.1	4.8 - 5.4	5.1	4.8 - 5.3	10.5	10.3 - 10.9	19.0	18.7 - 19.3	1600	1500 - 1700
DH1013	MG 1	Y	25.7	23.0 - 28.2	45.5	44.4 - 46.2	18.3	17.9 - 19.4	5.7	5.3 - 6.1	4.7	4.5 - 4.9	10.8	10.1 - 11.3	18.9	18.7 - 19.0	1350	1200 - 1710
DH2053	MG 1	Y	25.3	21.6 - 27.3	45.2	44.2 - 47.2	18.1	17.5 - 18.7	6.5	6.3 - 6.6	4.6	4.5 - 4.8	11.5	11.2 - 11.8	19.1	18.9 - 19.4	1800	1650 - 1930
DH410SCN	MG 1	Y	20.3	18.1 - 22.3	44.2	43.1 - 45.4	19.0	18.5 - 19.7	5.8	5.4 - 6.4	4.7	4.4 - 4.9	10.9	10.3 - 11.6	18.7	18.1 - 19.6	1460	1120 - 1670
DH410SCN	MG 2 Early	Y	17.7	16.1 - 19.9	44.6	43.6 - 45.9	21.0	20.2 - 21.5	4.7	4.4 - 5.2	4.9	4.6 - 5.0	9.9	9.6 - 10.1	17.4	16.9 - 17.7	1160	880 - 1550
DH420	MG 0	LBR	21.8	19.8 - 23.6	44.9	44.3 - 46.0	19.4	18.7 - 19.9	5.3	4.6 - 5.7	5.0	4.6 - 5.2	10.6	10.0 - 11.0	18.2	18.0 - 18.5	1400	1040 - 1840
Excellent	MG 2 Late	BL	20.7	18.9 - 22.1	45.8	45.5 - 46.0	18.9	18.4 - 19.3	5.6	5.4 - 5.7	4.7	4.5 - 4.8	10.5	10.2 - 10.7	17.8	17.4 - 18.2	2700	2380 - 2990
Hannah	MG 1	Y	25.7	21.1 - 28.4	45.0	44.5 - 45.3	18.3	18.0 - 18.6	5.9	5.7 - 6.1	4.8	4.3 - 5.1	11.3	10.9 - 11.4	18.5	18.0 - 18.8	1810	1270 - 2380
HDC 1600T	MG 1	Y	23.3	18.1 - 26.0	43.2	42.2 - 43.9	19.4	18.9 - 20.1	5.8	5.7 - 5.9	4.9	4.7 - 5.1	11.2	11.0 - 11.4	18.7	18.5 - 19.0	1730	1440 - 2090
HDC 1600T	MG 2 Early	Y	20.0	19.0 - 21.1	43.8	43.3 - 44.2	21.5	21.2 - 21.8	4.7	4.3 - 5.4	5.0	4.8 - 5.2	10.1	9.8 - 10.6	17.5	16.9 - 18.0	1440	1160 - 1980
HDC 2701	MG 0	IY	22.6	21.4 - 23.6	49.1	48.5 - 50.3	17.3	16.8 - 17.8	4.8	4.4 - 5.0	4.7	4.7 - 4.8	9.9	9.4 - 10.1	17.4	17.3 - 17.5	1250	930 - 1500
HDC 2701	MG 1	IY	24.7	20.5 - 27.0	48.0	47.6 - 48.8	18.0	17.7 - 18.3	5.0	4.9 - 5.3	4.6	4.2 - 4.8	10.0	9.8 - 10.2	17.3	16.8 - 17.8	1380	1190 - 1530
Inwoodvinton	MG 2 Early	Y	19.1	17.1 - 22.6	44.6	43.5 - 46.6	19.4	18.6 - 19.8	5.9	5.5 - 6.4	4.8	4.6 - 4.9	11.1	10.6 - 11.4	18.6	18.3 - 18.8	1580	1530 - 1680
ISG 2631F	MG 2 Late	Y	24.8	22.5 - 28.1	45.3	45.1 - 45.6	19.8	19.3 - 20.1	6.1	6.0 - 6.2	4.6	4.5 - 4.7	11.1	10.7 - 11.4	18.2	17.7 - 18.7	2030	1750 - 2580
ISG 89	MG 2 Early	Y	21.5	18.3 - 23.8	41.9	41.3 - 42.4	20.0	19.4 - 20.3	6.4	6.1 - 6.7	4.9	4.7 - 5.0	11.7	11.4 - 11.8	19.8	19.5 - 19.9	2540	2000 - 3290
Kamichis	MG 0	IY	18.8	16.4 - 20.3	48.9	47.8 - 50.4	16.5	15.9 - 17.2	4.9	4.7 - 4.9	4.9	4.9 - 5.1	10.1	9.8 - 10.4	17.8	17.5 - 18.2	1450	1330 - 1590
Katrina	MG 1	IY	22.9	21.4 - 24.0	43.3	42.2 - 44.6	19.5	19.3 - 20.0	6.8	6.4 - 7.3	4.6	4.0 - 4.9	11.8	10.9 - 12.5	19.1	18.5 - 19.8	1450	1250 - 1570
Katrina	MG 2 Early	IY	19.8	18.2 - 22.8	43.5	42.3 - 45.7	20.7	19.8 - 21.2	6.1	5.9 - 6.4	4.7	4.3 - 4.8	11.1	10.9 - 11.2	18.5	18.1 - 18.7	1460	1170 - 1770
OAC Ayton	MG 00	BR	17.7	16.1 - 21.4	39.4	36.1 - 42.5	21.5	20.5 - 22.5	6.2	5.2 - 6.9	4.9	4.7 - 5.2	11.4	10.2 - 12.3	19.4	18.4 - 20.4	2890	2340 - 3550
OAC Ayton	MG 0	BR	15.0	14.2 - 16.3	41.3	40.8 - 41.7	21.1	20.6 - 21.6	5.2	4.7 - 5.6	5.1	5.0 - 5.3	10.7	10.2 - 11.2	18.3	17.9 - 18.9	2120	1920 - 2560
OAC Bayfield	MG 0	BR	19.0	18.4 - 19.9	43.3	42.3 - 43.6	20.1	19.5 - 20.7	5.6	4.9 - 5.9	4.9	4.6 - 5.1	10.7	10.1 - 11.1	18.1	17.8 - 18.3	1800	1500 - 2230
OAC Carman	MG 00	IY	19.1	16.5 - 23.4	41.9	38.7 - 44.3	19.9	19.2 - 21.0	6.6	6.0 - 7.1	4.6	4.2 - 4.8	11.5	10.9 - 11.9	19.1	18.8 - 19.4	2000	1620 - 2440
OAC Champion	MG 0	IY	19.8	18.8 - 21.8	44.8	44.3 - 45.4	19.8	19.1 - 20.1	4.8	4.7 - 4.9	4.8	4.6 - 4.9	10.0	9.6 - 10.2	17.5	17.2 - 17.8	1220	1110 - 1410
OAC Gretna	MG 00	IY	21.5	19.9 - 25.7	43.2	40.5 - 44.9	19.5	19.1 - 20.4	6.6	5.7 - 7.2	4.4	4.2 - 4.6	11.3	10.2 - 12.0	18.9	18.0 - 19.8	2220	1620 - 2960
OAC Huron	MG 1	Y	24.5	21.0 - 26.1	43.6	42.7 - 44.2	19.3	19.0 - 19.8	7.0	6.8 - 7.2	4.3	3.9 - 4.7	11.6	11.3 - 12.1	18.5	17.8 - 19.2	1730	1490 - 1960
OAC Huron	MG 2 Early	Y	22.6	21.0 - 24.5	44.2	42.9 - 45.7	21.0	20.1 - 21.6	6.2	5.6 - 6.7	4.2	4.1 - 4.4	10.7	10.0 - 11.0	17.7	16.9 - 18.1	1630	1350 - 2080
OAC Kent	MG 2 Early	Y	20.8	17.6 - 24.7	42.4	41.7 - 43.4	22.0	21.3 - 22.5	5.9	5.6 - 6.2	4.6	4.3 - 4.7	10.8	10.5 - 11.1	18.1	17.6 - 18.8	1450	780 - 2090

Canadian Food-Grade Soybean Database - 2007 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
OAC Kent	MG 2 Late	Y	24.1	20.9 - 27.3	42.1	41.6 - 42.6	22.4	21.6 - 23.1	5.9	5.7 - 6.0	4.3	4.2 - 4.4	10.4	10.3 - 10.6	17.5	17.0 - 17.7	1920	1640 - 2290
OAC Lakeview	MG 0	Y	19.2	18.7 - 20.3	41.1	40.0 - 42.1	20.7	19.8 - 21.7	6.5	5.9 - 6.9	4.7	4.5 - 4.9	11.6	11.1 - 11.9	18.9	18.7 - 19.1	2240	1900 - 2520
OAC Prodigy	MG 1	IY	22.9	20.2 - 25.2	42.5	41.9 - 43.4	19.7	18.9 - 20.1	6.1	5.8 - 6.3	4.6	4.4 - 4.7	11.1	10.9 - 11.2	18.8	18.5 - 19.3	2060	1810 - 2300
OAC Wallace	MG 0	BR	20.0	18.6 - 20.8	39.9	38.7 - 40.8	21.4	20.7 - 22.4	5.7	5.0 - 6.1	4.8	4.7 - 5.0	10.8	9.9 - 11.3	19.4	19.1 - 19.9	2640	2510 - 2730
OAC Wallace	MG 1	BR	20.3	17.9 - 23.0	38.6	38.3 - 39.1	21.5	21.2 - 21.8	6.0	5.9 - 6.1	4.6	4.2 - 4.8	11.0	10.5 - 11.3	19.6	19.1 - 20.1	2610	2280 - 2850
Phoenix	MG 00	IY	20.9	19.0 - 24.5	42.7	40.5 - 44.7	19.3	18.9 - 19.8	6.6	5.3 - 7.1	4.5	4.3 - 4.7	11.3	10.2 - 11.8	19.3	18.6 - 19.8	2130	1760 - 2650
PRO 25-53	MG 00	IY	21.3	19.9 - 25.2	43.2	40.3 - 45.8	19.3	18.2 - 20.0	6.7	5.7 - 7.2	4.4	4.2 - 4.5	11.2	10.0 - 12.0	19.1	18.3 - 19.8	2260	1620 - 2820
PRO 26-53	MG 0	IY	20.9	19.1 - 22.3	44.4	43.9 - 45.0	18.6	18.4 - 18.8	5.8	5.0 - 6.3	4.9	4.7 - 5.2	11.0	10.4 - 11.4	18.5	18.4 - 18.6	1810	1220 - 2390
PRO 275	MG 0	IY	20.6	19.7 - 22.0	43.3	42.2 - 44.6	19.6	18.8 - 20.1	6.2	5.2 - 6.7	4.8	4.6 - 5.1	11.3	10.4 - 11.7	18.7	18.4 - 19.0	1820	1490 - 2130
PS 36	MG 0	Y	18.9	17.6 - 19.8	44.9	44.3 - 45.8	19.2	18.6 - 19.8	5.1	4.6 - 5.6	5.0	4.8 - 5.4	10.5	10.3 - 10.8	18.1	17.8 - 18.3	1560	1190 - 1740
PS 73	MG 1	BF	20.5	16.8 - 22.6	41.2	40.8 - 42.0	19.5	19.3 - 20.0	7.1	7.1 - 7.2	4.7	4.1 - 5.0	12.2	11.7 - 12.6	19.7	19.2 - 20.2	2430	2190 - 2710
RCAT Pinehurst	MG 2 Early	Y	18.7	15.8 - 23.0	41.6	40.2 - 43.6	20.9	20.0 - 21.7	7.1	6.7 - 7.7	4.7	4.4 - 4.8	12.1	11.7 - 12.6	19.1	18.7 - 19.3	1570	1410 - 1790
RCAT Pinehurst	MG 2 Late	Y	20.0	17.8 - 23.7	41.7	40.3 - 43.6	20.8	19.8 - 21.8	6.8	6.2 - 7.2	4.6	4.3 - 4.9	11.8	11.4 - 12.0	18.5	18.1 - 18.6	1730	1560 - 2080
RCAT Ruthven	MG 2 Late	Y	15.0	14.1 - 17.1	40.1	39.2 - 40.8	21.3	20.8 - 21.7	6.6	6.5 - 6.8	4.7	4.3 - 5.1	11.7	11.4 - 11.9	18.8	18.4 - 19.4	2380	2000 - 2620
RD714	MG 0	IY	19.0	18.6 - 19.2	51.6	50.8 - 52.3	15.7	15.1 - 15.9	4.5	4.3 - 4.8	4.8	4.7 - 4.9	9.4	9.0 - 9.8	17.3	17.1 - 17.6	1690	1560 - 1760
S00-Z1	MG 00	BR	19.5	18.3 - 22.1	42.7	39.9 - 45.2	20.0	19.3 - 20.9	5.9	5.0 - 6.4	4.9	4.7 - 5.0	11.1	9.9 - 11.8	18.6	17.5 - 19.2	2260	1630 - 2740
S03-W4	MG 0	IY	19.8	17.3 - 20.9	45.6	44.6 - 46.4	19.6	19.0 - 20.3	5.7	5.1 - 5.9	4.9	4.8 - 5.2	10.8	10.2 - 11.0	18.0	17.7 - 18.4	1180	990 - 1420
S05-T6	MG 0	IY	20.6	18.1 - 22.3	43.6	41.8 - 45.3	20.1	19.0 - 20.7	6.4	5.6 - 7.1	4.7	4.6 - 4.9	11.2	10.5 - 11.8	18.4	18.1 - 18.8	1670	1420 - 1800
S08-80	MG 1	IY	23.2	20.2 - 25.1	42.8	42.2 - 43.5	19.9	19.5 - 20.3	7.2	6.7 - 7.8	4.3	3.9 - 4.4	11.7	11.1 - 12.5	18.6	18.0 - 19.7	2610	2330 - 2880
S12-A5	MG 1	BR	22.4	19.0 - 24.9	42.4	40.8 - 43.6	19.7	19.5 - 20.0	7.4	7.0 - 8.1	4.5	4.2 - 4.7	12.3	11.7 - 13.0	19.4	19.0 - 20.4	2390	2130 - 2610
S14-P6	MG 1	Y	25.8	21.4 - 29.4	43.9	43.0 - 44.5	19.2	18.4 - 19.8	6.7	6.6 - 6.7	4.5	3.9 - 4.8	11.5	10.8 - 11.8	18.9	18.4 - 19.5	2000	1500 - 2390
S18-R6	MG 1	Y	23.4	21.7 - 25.2	40.9	40.3 - 41.8	19.6	19.3 - 20.0	7.6	7.3 - 8.1	4.6	3.9 - 5.0	12.6	11.8 - 13.4	20.5	20.1 - 21.6	2120	1950 - 2410
S18-R6	MG 2 Early	Y	19.8	18.5 - 20.4	41.1	40.6 - 41.8	20.7	20.0 - 21.4	6.6	6.1 - 7.3	4.9	4.5 - 5.1	11.9	11.6 - 12.3	19.6	19.1 - 20.0	1950	1340 - 2340
S20-G7	MG 2 Early	Y	21.0	19.2 - 24.2	43.2	40.1 - 45.6	20.8	19.4 - 22.5	6.1	5.5 - 6.9	4.7	4.4 - 4.8	11.2	10.6 - 11.8	18.2	17.5 - 18.6	1780	1630 - 2000
S25-D3	MG 2 Early	Y	21.7	19.5 - 24.7	44.2	43.2 - 45.7	20.2	19.5 - 20.5	6.3	6.0 - 6.8	4.3	4.2 - 4.7	11.0	10.6 - 11.4	18.1	17.8 - 18.4	2210	1820 - 2570
S25-D3	MG 2 Late	Y	23.2	21.4 - 26.1	44.6	44.2 - 45.1	20.1	19.4 - 20.7	6.2	5.9 - 6.5	4.1	4.0 - 4.3	10.7	10.6 - 11.0	17.7	17.3 - 17.9	2490	2320 - 2600
Venus	MG 0	IY	21.7	19.8 - 22.6	48.2	46.5 - 49.7	18.0	17.4 - 18.6	4.5	4.0 - 4.8	4.9	4.8 - 5.0	9.8	9.2 - 10.3	17.4	17.1 - 17.6	1020	860 - 1180
X790P	MG 2 Early	Y	23.8	22.1 - 26.6	48.1	47.6 - 48.9	18.8	18.4 - 19.0	5.0	4.7 - 5.2	4.8	4.7 - 4.8	10.1	9.9 - 10.3	17.7	17.0 - 18.1	1700	1580 - 1830
X790P	MG 2 Late	Y	25.4	21.1 - 30.0	48.8	47.9 - 49.7	18.7	18.3 - 19.1	4.9	4.6 - 5.1	4.5	4.4 - 4.6	9.7	9.3 - 10.0	17.0	16.5 - 17.6	2130	1860 - 2420

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