Canadian Food-Grade Soybean Database - 2005 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	19.2	17.8 - 19.9	42.2	40.7 - 43.9	21.0	19.9 - 21.9	7.0	6.6 - 7.2	4.6	4.5 - 4.8	12.0	11.9 - 12.2	18.2	18.2 - 18.3	1520	1280 - 1850
92M10	MG 2 Late	Y	15.7	13.8 - 17.9	39.5	37.1 - 41.6	22.1	21.1 - 23.2	6.3	-	5.1	-	11.9	-	18.7	-	2610	-
92M72	MG 2 Late	BL	18.1	16.3 - 21.3	39.7	38.7 - 41.4	22.7	21.9 - 23.2	-	-	-	-	-	-	-	-	-	-
9305	MG 2 Late	Y	18.0	16.5 - 20.7	39.6	38.1 - 41.1	22.6	21.9 - 23.2	-	-	-	-	-	-	-	-	-	-
AC Vin-Pro	MG 2 Early	Y	21.7	20.0 - 24.4	45.4	44.5 - 46.3	20.3	19.9 - 20.7	5.2	4.8 - 5.6	4.9	4.8 - 4.9	10.6	10.1 - 11.0	17.7	17.6 - 17.8	1410	1080 - 1620
AC Vin-Pro	MG 2 Late	Y	21.4	19.8 - 23.8	45.0	43.2 - 46.4	20.5	20.0 - 21.3	5.8	5.6 - 6.1	4.8	4.7 - 4.8	11.2	10.8 - 11.7	18.0	17.6 - 18.4	1740	1600 - 1890
Adam	MG 2 Early	IY	20.7	18.3 - 23.3	44.8	43.7 - 45.8	20.7	20.0 - 21.3	5.1	4.9 - 5.1	4.9	4.8 - 4.9	10.5	10.4 - 10.7	17.0	16.2 - 17.5	1830	1500 - 1990
ADV Gem	MG 0	Y	14.9	14.4 - 15.3	40.3	39.7 - 40.9	21.1	20.3 - 21.7	6.6	5.8 - 7.1	4.6	4.4 - 4.8	11.8	11.1 - 12.3	18.4	18.3 - 18.6	2150	2010 - 2350
ADV Windfall	MG 0	IY	18.2	17.9 - 18.5	42.2	41.5 - 42.6	20.8	20.5 - 21.0	6.1	5.9 - 6.3	4.9	4.8 - 5.0	11.4	11.2 - 11.5	17.9	17.6 - 18.2	1690	1610 - 1780
ADV108	MG 1	Y	23.5	21.7 - 24.7	40.9	39.5 - 42.3	21.1	20.2 - 21.9	6.7	6.6 - 6.8	4.3	4.3 - 4.4	11.7	11.7 - 11.7	18.3	18.1 - 18.5	1870	1760 - 2040
Arva	MG 1	Y	18.6	16.4 - 20.6	41.5	40.8 - 41.9	21.1	20.9 - 21.5	6.1	5.9 - 6.3	5.0	4.9 - 5.2	11.7	11.7 - 11.7	17.8	17.6 - 17.9	1470	1410 - 1520
Athens	MG 1	BL	20.9	17.6 - 22.7	44.7	43.9 - 45.3	19.9	19.5 - 20.2	5.3	5.2 - 5.4	5.0	4.8 - 5.1	10.7	10.6 - 10.9	17.0	16.9 - 17.1	1510	1320 - 1810
DH 3604	MG 0	Y	7.6	7.3 - 7.8	43.4	42.9 - 44.2	18.8	18.0 - 19.1	5.6	5.3 - 6.1	5.4	5.3 - 5.6	11.8	11.6 - 12.2	18.5	18.3 - 18.7	2220	2050 - 2380
Dundas	MG 0	LBR	15.4	15.1 - 15.9	41.0	40.5 - 41.4	22.1	22.1 - 22.2	5.1	5.0 - 5.3	5.2	4.9 - 5.6	10.7	10.6 - 10.7	18.1	17.8 - 18.4	2180	2100 - 2310
Excellent	MG 2 Late	BL	20.5	19.0 - 23.0	44.1	42.1 - 45.2	20.0	19.7 - 20.5	5.6	5.2 - 5.9	5.1	4.9 - 5.3	11.3	11.2 - 11.5	17.7	17.3 - 18.2	2310	2210 - 2460
Harovinton	MG 2 Early	Y	22.6	20.4 - 25.6	46.1	45.2 - 47.0	19.5	19.0 - 19.8	5.1	4.7 - 5.5	5.4	5.1 - 5.6	11.1	10.8 - 11.2	17.4	16.9 - 17.9	1810	1310 - 2240
Harovinton	MG 2 Late	Y	22.4	20.2 - 24.8	45.2	42.4 - 46.7	20.1	19.4 - 21.1	5.8	5.7 - 5.9	5.0	4.8 - 5.1	11.2	10.9 - 11.6	18.3	17.8 - 18.7	2160	2070 - 2240
HDC 1600T	MG 1	Y	20.9	18.6 - 22.3	43.8	43.5 - 44.0	20.8	20.4 - 21.0	5.3	4.8 - 5.6	5.3	5.0 - 5.8	11.2	11.1 - 11.3	17.1	17.0 - 17.2	1440	1320 - 1550
HDC 1600T	MG 2 Early	Y	16.9	12.1 - 21.7	43.0	41.9 - 43.6	22.1	21.6 - 22.7	4.4	4.0 - 5.0	5.6	5.3 - 5.8	10.5	10.3 - 11.0	16.7	16.1 - 17.3	1010	660 - 1670
HDC 2701	MG 0	IY	21.3	19.0 - 23.3	47.6	46.5 - 48.2	19.1	18.6 - 19.6	4.8	4.4 - 5.1	5.2	5.0 - 5.3	10.4	10.1 - 10.6	16.5	16.2 - 17.0	1290	1240 - 1330
HDC 2701	MG 1	IY	23.5	19.8 - 26.1	48.7	47.5 - 50.2	18.7	18.2 - 19.3	4.8	4.6 - 5.0	5.0	4.9 - 5.3	10.2	9.9 - 10.5	16.4	16.0 - 16.9	1220	1030 - 1330
HDC Maitland	MG 0	Y	7.3	6.9 - 7.7	44.3	43.8 - 44.6	18.3	17.9 - 18.5	4.6	4.2 - 5.0	5.8	5.7 - 6.1	11.0	10.8 - 11.3	18.5	18.1 - 18.8	1370	1290 - 1440
HDC Maitland	MG 1	Y	8.5	7.2 - 9.4	46.0	45.4 - 46.9	17.9	17.5 - 18.2	4.8	4.7 - 5.0	5.6	5.4 - 5.8	11.0	10.9 - 11.1	17.9	17.5 - 18.3	1230	1090 - 1420
IA 3011	MG 2 Early	Y	21.6	19.7 - 24.5	46.0	45.4 - 47.1	19.7	18.8 - 20.2	4.7	4.3 - 5.1	5.2	5.1 - 5.3	10.5	10.3 - 10.9	16.9	16.6 - 17.3	1810	1260 - 2360
Inwoodvinton	MG 2 Early	Y	17.9	16.1 - 21.1	43.4	42.2 - 44.3	20.3	19.7 - 20.9	5.7	5.3 - 6.1	5.1	5.0 - 5.1	11.4	11.0 - 11.8	18.2	18.0 - 18.5	1790	1570 - 2010
Irwin	MG 2 Early	Y	19.2	18.0 - 21.4	44.1	43.3 - 44.5	20.9	20.0 - 22.0	5.2	4.9 - 5.5	4.8	4.7 - 4.9	10.6	10.3 - 10.9	17.0	16.9 - 17.1	1340	920 - 1810
ISG 2631F	MG 2 Late	Y	22.7	21.1 - 25.8	43.0	41.1 - 44.0	20.9	20.3 - 21.6	6.1	5.4 - 6.6	5.3	5.0 - 5.5	11.9	11.8 - 12.2	18.5	17.7 - 19.3	1810	1500 - 2170
Kamichis	MG 0	IY	15.8	15.0 - 16.2	47.2	46.6 - 47.9	17.7	17.2 - 18.2	5.0	4.7 - 5.4	5.5	5.3 - 5.6	10.9	10.8 - 11.1	18.2	17.8 - 18.4	1220	990 - 1540
Leo	MG 1	Y	26.8	26.3 - 27.1	46.7	45.6 - 48.1	18.6	17.7 - 19.2	5.5	5.2 - 5.9	5.0	4.6 - 5.1	11.0	10.9 - 11.0	18.1	17.8 - 18.5	1710	1630 - 1770
Leo	MG 2 Early	Y	23.7	21.2 - 27.2	47.1	46.1 - 47.8	19.1	18.8 - 19.6	5.2	5.0 - 5.3	5.0	4.8 - 5.1	10.8	10.6 - 11.0	17.7	17.1 - 18.1	1600	1440 - 1740
Natto 3	MG 2 Late	Y	8.0	7.1 - 8.7	38.5	36.7 - 40.2	20.8	19.6 - 21.9	-	-	-	-	-	-	-	-	-	-
OAC Bayfield	MG 1	BR	20.3	16.2 - 23.1	42.1	40.7 - 43.8	21.0	20.4 - 21.5	5.7	5.2 - 6.0	4.9	4.7 - 5.1	11.1	10.8 - 11.4	17.6	17.2 - 18.0	1470	1160 - 1770
OAC Champion	MG 0	IY	19.4	18.9 - 20.1	41.7	40.6 - 42.3	21.7	21.4 - 22.3	5.5	5.0 - 5.9	5.1	4.8 - 5.4	11.2	10.9 - 11.3	18.0	17.7 - 18.1	1360	1110 - 1540
OAC Clinton	MG 0	IY	15.3	15.2 - 15.6	39.1	38.3 - 39.6	22.2	21.9 - 22.4	6.3	6.0 - 6.6	4.8	4.7 - 4.9	11.6	11.4 - 11.9	18.1	17.9 - 18.3	1990	1740 - 2150
OAC Huron	MG 2 Early	Y	20.9	18.7 - 24.0	43.0	42.2 - 43.6	21.7	21.3 - 22.0	5.7	5.4 - 6.2	4.7	4.6 - 4.7	11.2	10.8 - 11.6	17.6	17.3 - 17.7	1360	1060 - 1680
OAC Kent	MG 2 Early	Y	20.5	18.5 - 24.1	41.3	40.7 - 42.4	22.4	21.8 - 22.9	5.6	5.4 - 6.0	4.8	4.8 - 4.8	11.0	10.9 - 11.1	17.5	17.0 - 18.0	1330	840 - 1720
OAC Kent	MG 2 Late	Y	20.3	19.0 - 22.5	40.4	39.4 - 41.0	22.9	22.6 - 23.3	5.8	5.6 - 6.1	4.5	4.4 - 4.6	10.8	10.5 - 11.1	17.8	17.2 - 18.4	1730	1610 - 1850
PRO 30-02	MG 1	IY	21.5	20.6 - 22.1	45.0	43.5 - 46.0	19.5	18.9 - 20.1	5.5	5.3 - 5.8	5.4	5.4 - 5.4	11.4	11.2 - 11.6	17.8	17.5 - 18.2	1740	1520 - 1970

Canadian Food-Grade Soybean Database - 2005 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
PRO 30-05	MG 2 Early	IY	20.7	19.1 - 23.6	42.9	42.6 - 43.2	20.5	20.0 - 20.9	6.2	5.7 - 6.8	5.0	4.8 - 5.2	12.0	11.8 - 12.4	18.8	18.4 - 19.5	1720	1070 - 2340
PSX 280405HP	MG 0	Y	22.3	20.6 - 24.6	44.6	43.8 - 45.1	19.3	19.0 - 20.0	5.8	5.6 - 6.1	5.0	4.8 - 5.1	11.3	11.2 - 11.4	18.0	17.9 - 18.1	1990	1830 - 2120
RCAT Bobcat	MG 1	IY	20.0	19.2 - 20.8	39.5	38.0 - 41.1	22.0	21.3 - 22.7	6.1	5.9 - 6.3	5.0	4.6 - 5.2	11.5	11.4 - 11.6	18.6	18.1 - 19.2	1780	1550 - 2040
RCAT Corbett	MG 1	BR	21.4	18.9 - 22.8	43.3	42.7 - 44.2	20.5	20.0 - 20.9	6.1	5.7 - 6.4	5.1	4.9 - 5.2	11.7	11.5 - 11.9	18.2	17.8 - 18.6	1960	1870 - 2020
RCAT Dover	MG 2 Early	BL	13.8	12.2 - 16.1	39.2	38.5 - 39.8	22.2	21.8 - 22.7	5.9	5.7 - 6.2	5.2	5.2 - 5.2	11.9	11.8 - 12.1	18.9	18.5 - 19.4	2480	2150 - 2860
RCAT Harwich	MG 2 Early	Y	15.3	14.0 - 17.5	39.6	37.9 - 40.5	21.5	21.0 - 22.2	6.1	5.6 - 6.7	5.0	4.9 - 5.1	12.0	11.3 - 12.4	19.1	18.8 - 19.3	1660	1180 - 2060
RCAT Harwich	MG 2 Late	Y	16.5	14.8 - 19.5	39.4	37.5 - 41.1	21.8	20.7 - 22.4	6.9	6.6 - 7.2	4.7	4.7 - 4.8	12.3	12.1 - 12.5	19.2	19.2 - 19.2	2020	1660 - 2380
RCAT Pinehurst	MG 2 Early	Y	16.5	14.6 - 20.0	40.7	39.7 - 41.5	21.2	20.7 - 21.8	6.7	6.4 - 7.1	5.1	4.9 - 5.2	12.4	12.3 - 12.5	18.8	18.7 - 18.9	1590	1570 - 1610
RCAT Pinehurst	MG 2 Late	Y	18.0	16.4 - 21.0	39.0	37.3 - 40.7	22.3	21.3 - 23.1	-	-	-	-	-	-	-	-	-	-
RCAT Ruthven	MG 2 Late	Y	14.5	13.4 - 16.2	38.5	37.7 - 40.1	22.5	21.8 - 23.0	6.4	6.1 - 6.7	5.0	5.0 - 5.0	11.9	11.5 - 12.4	18.9	18.3 - 19.5	1830	1520 - 2140
S 19-90	MG 2 Early	GR	18.3	16.3 - 21.6	40.0	39.4 - 40.5	21.8	21.5 - 22.2	6.6	6.3 - 6.9	4.6	4.6 - 4.7	12.0	11.8 - 12.4	18.9	18.5 - 19.2	2100	1890 - 2400
S03-W4	MG 0	IY	17.6	16.3 - 18.3	42.1	40.9 - 43.0	21.9	21.6 - 22.4	5.9	5.5 - 6.1	5.2	5.0 - 5.4	11.5	11.4 - 11.6	17.7	17.5 - 18.1	1560	1300 - 1780
S08-80	MG 1	IY	21.1	17.1 - 23.6	42.2	40.6 - 44.2	20.9	19.8 - 21.7	6.6	6.4 - 6.9	4.5	4.3 - 4.9	11.7	11.6 - 11.8	17.9	17.6 - 18.1	2330	2070 - 2690
S12-C2	MG 1	IY	19.8	17.0 - 22.2	41.5	40.0 - 42.7	20.6	19.7 - 21.5	7.3	6.9 - 7.6	4.7	4.6 - 5.0	12.5	12.3 - 12.8	19.0	18.8 - 19.0	2420	2210 - 2790
S14-P6	MG 1	Y	24.5	23.0 - 25.3	44.4	43.1 - 45.5	20.1	19.0 - 20.8	6.0	5.7 - 6.3	4.7	4.4 - 4.9	11.1	11.1 - 11.2	18.3	18.3 - 18.4	1890	1770 - 1970
S14-P6	MG 2 Early	Y	22.1	20.3 - 24.7	43.2	42.8 - 43.9	21.8	21.4 - 22.2	5.2	4.8 - 5.7	4.9	4.7 - 5.0	10.5	10.1 - 10.9	17.9	17.7 - 18.3	1440	1100 - 1760
S18-Y4	MG 2 Early	Y	18.4	16.8 - 21.0	41.4	41.0 - 41.7	21.1	20.8 - 21.5	5.4	5.3 - 5.7	4.8	4.7 - 4.9	10.9	10.5 - 11.3	17.7	17.6 - 17.8	2150	2030 - 2280
S19-K8	MG 2 Early	Y	15.5	14.0 - 17.8	41.8	40.8 - 42.4	21.1	20.9 - 21.2	5.6	5.1 - 6.2	5.2	5.0 - 5.4	11.2	10.7 - 11.5	18.3	17.9 - 18.7	2170	1810 - 2470
S20-F8	MG 2 Early	Y	17.1	15.3 - 20.4	40.4	39.6 - 41.1	22.5	22.4 - 22.6	5.8	5.4 - 6.3	5.1	4.7 - 5.3	11.4	11.0 - 11.7	18.5	18.2 - 18.9	1170	870 - 1450
S25-D3	MG 2 Early	Y	20.8	18.9 - 24.0	43.0	41.4 - 44.5	20.9	19.9 - 21.5	5.7	5.1 - 6.3	4.8	4.6 - 5.0	11.1	10.4 - 11.6	18.2	18.0 - 18.4	1970	1430 - 2320
S25-D3	MG 2 Late	Y	20.9	19.1 - 24.2	41.7	39.2 - 43.8	21.6	20.6 - 22.6	6.3	6.1 - 6.5	4.4	4.3 - 4.5	11.5	11.4 - 11.6	17.8	17.6 - 18.1	2460	2330 - 2600
Sierra	MG 0	IY	19.3	18.9 - 19.8	42.1	41.4 - 43.4	21.6	20.9 - 22.1	5.4	5.2 - 5.7	5.1	4.8 - 5.4	11.0	10.9 - 11.0	17.8	17.4 - 18.0	1490	1360 - 1590
Tsuru	MG 2 Early	Y	22.2	20.7 - 25.1	44.9	44.3 - 45.8	20.9	20.6 - 21.1	4.7	4.0 - 5.5	5.6	5.2 - 5.8	10.7	10.0 - 11.3	17.6	16.8 - 18.0	1210	650 - 1930
Tsuru	MG 2 Late	Y	23.1	21.4 - 25.3	43.0	40.0 - 45.0	21.6	20.4 - 22.8	5.3	5.1 - 5.6	5.3	5.3 - 5.3	11.0	10.7 - 11.3	18.4	17.5 - 19.2	1500	1290 - 1710
Turbo	MG 0	IY	18.9	18.1 - 19.6	42.5	41.0 - 43.5	20.8	19.9 - 21.6	5.9	5.6 - 6.1	5.0	4.9 - 5.1	11.5	11.3 - 11.7	17.7	17.7 - 17.8	1830	1410 - 2070
Ventrm	MG 1	Y	28.6	25.7 - 30.1	45.4	44.4 - 46.8	19.0	18.2 - 19.4	6.0	5.8 - 6.4	5.0	4.8 - 5.1	11.5	11.3 - 11.8	18.8	18.3 - 19.2	2470	1940 - 2810
Venus	MG 0	IY	19.1	17.8 - 19.8	45.2	44.4 - 46.5	20.1	19.3 - 20.6	4.9	4.6 - 5.2	5.1	5.0 - 5.2	10.6	10.4 - 10.9	16.5	16.4 - 16.7	1330	1290 - 1350
X790P	MG 2 Early	Y	23.1	20.4 - 26.2	46.8	45.0 - 48.5	19.6	18.7 - 20.3	4.9	4.8 - 5.0	5.2	5.1 - 5.2	10.6	10.5 - 10.7	17.3	17.2 - 17.6	1760	1430 - 1940
X790P	MG 2 Late	Y	23.4	22.1 - 25.7	47.0	45.3 - 48.0	19.5	19.0 - 20.0	4.7	4.3 - 5.1	5.2	5.0 - 5.4	10.4	10.1 - 10.6	17.3	17.3 - 17.3	1710	1380 - 2030

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