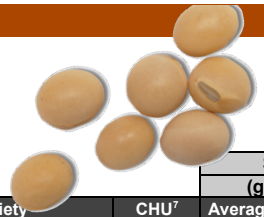

Canadian Food-Grade Soybean Database - 2005 Crop Year

		Seed Size		Protein		Oil		Sucrose		Oligosaccharides[2]		Total Free Sugars[3]		Total Carbohydrate[4]		Total Isoflavones[5]	
		(g/100 seeds)		(% DM)[1]		(% DM)		(% DM)		(% DM)		(% DM)		(% DM)		(ppm)[6]	
Variety	CHU[7]	Average[8]	Range[9]	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range
9305	3400	18.0	16.5 - 20.7	39.6	38.1 - 41.1	22.6	21.9 - 23.2	--	--	--	--	--	--	--	--	--	--
9025325	3100	17.9	16.1 - 21.1	43.2	41.9 - 43.9	20.1	19.6 - 20.8	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
91M10	2800	19.2	17.8 - 19.9	42.3	42.1 - 42.7	20.8	20.4 - 21.1	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	3400	15.7	13.8 - 17.9	39.3	37.1 - 41.1	22.2	21.4 - 23.2	6.3	--	5.1	--	11.9	--	18.7	--	2610	--
92M72	3400	18.1	16.3 - 21.3	39.7	38.7 - 41.4	22.7	21.9 - 23.2	--	--	--	--	--	--	--	--	--	--
AC Vin-Pro	3100	21.7	20.0 - 24.4	46.0	44.8 - 46.8	19.9	19.5 - 20.3	5.2	4.8 - 5.6	4.9	4.8 - 4.9	10.6	10.1 - 11.0	17.7	17.6 - 17.8	1411	1080 - 1620
AC Vin-Pro	3400	21.4	19.8 - 23.8	44.7	42.4 - 46.4	20.6	20.0 - 21.6	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	3100	20.7	18.3 - 23.3	45.2	43.4 - 46.6	20.7	20.0 - 21.5	5.1	4.9 - 5.1	4.9	4.8 - 4.9	10.5	10.4 - 10.7	17.0	16.2 - 17.5	1827	1500 - 1990
ADV Gem	2600	14.9	14.4 - 15.3	40.8	40.7 - 41.0	20.6	20.1 - 21.0	6.6	5.8 - 7.1	4.6	4.4 - 4.8	11.8	11.1 - 12.3	18.4	18.3 - 18.5	2150	2010 - 2350
ADV Windfall	2600	18.2	17.9 - 18.5	42.4	41.3 - 43.1	20.3	19.8 - 20.8	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	2800	23.5	21.7 - 24.7	41.5	40.0 - 42.3	21.5	20.9 - 22.3	6.7	6.6 - 6.8	4.3	4.3 - 4.4	11.7	11.6 - 11.7	18.3	18.1 - 18.5	1870	1760 - 2040
Arva	2800	18.6	16.4 - 20.6	41.7	40.9 - 42.5	21.1	20.6 - 21.4	6.1	5.9 - 6.3	5.0	4.9 - 5.2	11.7	11.6 - 11.7	17.8	17.6 - 17.9	1470	1410 - 1520
Athens	2800	20.9	17.6 - 22.7	44.7	43.9 - 45.4	19.8	19.3 - 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
CL702620	3100	15.5	14.0 - 17.8	41.7	41.4 - 42.5	20.8	20.7 - 21.0	5.6	5.1 - 6.2	5.2	5.0 - 5.4	11.2	10.7 - 11.5	18.3	17.8 - 18.7	2167	1810 - 2470
CL706631	3100	18.4	16.8 - 21.0	41.2	40.6 - 41.9	21.6	21.6 - 21.7	5.4	5.3 - 5.7	4.8	4.7 - 4.9	10.9	10.5 - 11.3	17.7	17.6 - 17.8	2151	2030 - 2280
DH 3604	2600	7.6	7.3 - 7.8	43.9	42.5 - 45.1	18.0	17.1 - 18.7	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	2600	15.4	15.1 - 15.9	41.0	40.1 - 41.5	21.5	21.2 - 22.0	5.1	4.9 - 5.3	5.2	4.9 - 5.6	10.7	10.6 - 10.7	18.1	17.8 - 18.4	2180	2100 - 2310
Harovinton	3100	22.6	20.4 - 25.6	46.6	45.5 - 47.7	19.3	18.6 - 19.6	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	3400	22.4	20.2 - 24.8	45.2	42.4 - 46.7	20.0	19.2 - 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	2800	20.9	18.6 - 22.3	43.2	42.5 - 44.3	21.0	20.3 - 21.4	5.3	4.8 - 5.5	5.3	5.0 - 5.8	11.2	11.0 - 11.2	17.1	17.0 - 17.2	1440	1320 - 1550
HDC 1600T	3100	16.9	12.1 - 21.7	42.4	42.0 - 42.6	22.3	22.1 - 22.4	4.4	4.0 - 5.0	5.6	5.3 - 5.8	10.5	10.3 - 11.0	16.7	16.1 - 17.3	1008	660 - 1670
HDC 2701	2600	21.3	19.0 - 23.3	47.4	46.2 - 48.3	18.7	18.4 - 19.2	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	2800	23.5	19.8 - 26.1	49.2	48.3 - 50.4	18.2	17.9 - 18.8	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	2600	7.3	6.9 - 7.7	43.3	42.9 - 44.1	18.0	17.4 - 18.6	4.5	4.2 - 5.0	5.8	5.7 - 6.0	11.0	10.8 - 11.3	18.5	18.1 - 18.8	1370	1290 - 1440
HDC Maitland	2800	8.5	7.2 - 9.4	46.0	44.9 - 46.9	17.2	16.6 - 18.1	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	3100	21.6	19.7 - 24.5	46.3	44.7 - 47.7	19.9	19.1 - 20.6	4.7	4.3 - 5.1	5.2	5.1 - 5.3	10.5	10.3 - 10.9	16.9	16.6 - 17.3	1805	1260 - 2360
Irwin	3100	19.2	18.0 - 21.4	44.0	43.0 - 44.6	21.0	20.6 - 21.4	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
ISG2631F	3400	22.7	21.1 - 25.8	42.8	40.7 - 44.2	20.6	20.0 - 21.4	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
ISG2800F	3400	20.5	19.0 - 23.0	43.6	41.8 - 46.1	20.0	19.2 - 20.8	5.6	5.2 - 5.9	5.1	4.8 - 5.3	11.3	11.2 - 11.5	17.7	17.3 - 18.2	2310	2210 - 2460
Kamichis	2600	15.8	15.0 - 16.2	46.6	46.0 - 47.4	17.3	17.0 - 17.7	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	2800	26.8	26.3 - 27.1	47.9	47.2 - 48.7	18.1	17.6 - 18.6	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	3100	23.7	21.2 - 27.2	47.6	46.2 - 48.5	18.9	18.4 - 19.4	5.2	5.0 - 5.3	5.0	4.8 - 5.1	10.8	10.6 - 11.0	17.7	17.1 - 18.1	1597	1440 - 1740
OAC Bayfield	2800	20.3	16.2 - 23.1	42.1	41.5 - 43.1	21.2	20.7 - 21.7	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	2600	19.4	18.9 - 20.1	41.5	40.8 - 41.9	21.4	21.1 - 21.9	5.5	5.0 - 5.8	5.1	4.8 - 5.4	11.1	10.9 - 11.3	18.0	17.7 - 18.1	1360	1110 - 1540
OAC Clinton	2600	15.3	15.2 - 15.6	39.5	39.4 - 39.6	21.8	21.4 - 22.0	6.3	6.0 - 6.6	4.8	4.7 - 4.9	11.6	11.4 - 11.9	18.0	17.9 - 18.3	1990	1740 - 2150
OAC Huron	3100	20.9	18.7 - 24.0	42.8	41.8 - 43.5	21.9	21.5 - 22.4	5.7	5.4 - 6.2	4.7	4.6 - 4.7	11.2	10.8 - 11.6	17.5	17.3 - 17.7	1363	1060 - 1680
OAC Kent	3100	20.5	18.5 - 24.1	41.1	40.4 - 41.7	22.9	22.8 - 23.0	5.6	5.4 - 6.0	4.8	4.7 - 4.8	11.0	10.9 - 11.1	17.5	17.0 - 18.0	1327	840 - 1720
OAC Kent	3400	20.3	19.0 - 22.5	40.0	39.3 - 40.8	23.5	23.0 - 23.9	5.8	5.5 - 6.1	4.4	4.3 - 4.6	10.8	10.5 - 11.1	17.8	17.2 - 18.4	1730	1610 - 1850
OX-405	3400	8.0	7.1 - 8.7	38.5	36.7 - 40.2	20.7	19.6 - 21.9	--	--	--	--	--	--	--	--	--	--
PRO 30-02	2800	21.5	20.6 - 22.1	45.1	43.4 - 46.6	19.3	18.8 - 19.8	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
PRO 30-05	3100	20.7	19.1 - 23.6	42.5	41.4 - 43.4	20.5	20.2 - 21.0	6.2	5.7 - 6.8	5.0	4.8 - 5.2	12.0	11.8 - 12.4	18.8	18.4 - 19.5	1724	1070 - 2340
PSX 280405HP	2600	22.3	20.6 - 24.6	43.8	43.2 - 44.9	19.3	18.8 - 19.7	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	2800	20.0	19.2 - 20.8	40.0	38.6 - 40.9	22.0	21.5 - 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	2800	21.4	18.9 - 22.8	43.1	42.7 - 43.7	20.4	20.0 - 20.7	6.0	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	3100	13.8	12.2 - 16.1	39.1	38.4 - 39.6	22.1	21.8 - 22.4	5.9	5.7 - 6.2	5.2	5.2 - 5.2	11.9	11.8 - 12.1	18.9	18.5 - 19.4	2482	2150 - 2860
RCAT Harwich	3100	15.3	14.0 - 17.5	40.1	39.1 - 40.6	21.7	21.3 - 22.1	6.1	5.6 - 6.7	5.0	4.9 - 5.1	12.0	11.3 - 12.4	19.1	18.8 - 19.3	1661	1180 - 2060
RCAT Harwich	3400	16.5	14.8 - 19.5	39.4	37.3 - 41.1	22.2	21.2 - 23.2	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	3100	16.5	14.6 - 20.0	40.5	38.8 - 41.9	21.4	20.7 - 22.2	6.7	6.4 - 7.0	5.1	4.9 - 5.2	12.4	12.2 - 12.5	18.8	18.7 - 18.9	1589	1570 - 1610
RCAT Pinehurst	3400	18.0	16.4 - 21.0	39.0	37.3 - 40.7	22.3	21.3 - 23.1	--	--	--	--	--	--	--	--	--	--
RCAT Ruthven	3400	14.5	13.4 - 16.2	38.1	36.7 - 39.9	22.8	21.8 - 23.6	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
S03-W4	2600	17.6	16.3 - 18.3	42.0	40.9 - 43.0	21.6	21.2 - 22.2	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	2800	21.1	17.1 - 23.6	42.4	41.7 - 43.4	20.8	20.4 - 21.3	6.6	6.4 - 6.9	4.5	4.3 - 4.9	11.7	11.6 - 11.8	17.9	17.5 - 18.1	2330	2070 - 2690
S12-C2	2800	19.8	17.0 - 22.2	41.9	40.7 - 43.6	20.2	19.2 - 21.1	7.3	6.9 - 7.6	4.7	4.5 - 5.0	12.4	12.3 - 12.8	18.9	18.8 - 19.0	2420	2210 - 2790
S14-P6	2800	24.5	23.0 - 25.3	44.7	43.0 - 46.0	20.0	19.2 - 20.7	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	3100	22.1	20.3 - 24.7	43.7	43.0 - 44.1	21.6	21.2 - 21.9	5.2	4.8 - 5.7	4.9	4.7 - 5.0	10.5	10.1 - 10.9	17.9	17.7 - 18.3	1443	1100 - 1760
S19-90	3100	18.3	16.3 - 21.6	40.2	39.4 - 40.9	22.0	22.0 - 22.1	6.6	6.3 - 6.9	4.6	4.6 - 4.7	12.0	11.8 - 12.4	18.9	18.5 - 19.2	2104	1890 - 2400
S20-F8	3100	17.1	15.3 - 20.4	40.4	39.5 - 40.8	22.2	22.1 - 22.3	5.8	5.4 - 6.2	5.1	4.7 - 5.3	11.4	11.0 - 11.7	18.5	18.2 - 18.9	1167	870 - 1450
S25-D3	3100	20.8	18.9 - 24.0	43.2	42.0 - 43.9	20.8	20.4 - 21.3	5.7	5.1 - 6.3	4.8	4.6 - 5.0	11.1	10.4 - 11.6	18.2	18.0 - 18.4	1969	1430 - 2320

S25-D3	3400	20.9	19.1 - 24.2	41.6	39.2 - 43.5	21.8	20.9 - 23.0	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	2600	19.3	18.9 - 19.8	41.3	40.9 - 41.7	21.3	21.1 - 21.7	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	3100	22.2	20.7 - 25.1	43.9	42.6 - 44.8	21.0	20.4 - 21.5	4.7	4.0 - 5.5	5.6	5.2 - 5.8	10.7	10.0 - 11.3	17.6	16.8 - 18.0	1208	650 - 1930
Tsuru	3400	23.1	21.4 - 25.3	42.5	39.5 - 45.0	21.7	20.4 - 22.9	5.3	5.0 - 5.6	5.3	5.3 - 5.3	11.0	10.7 - 11.2	18.4	17.5 - 19.2	1500	1290 - 1710
Turbo	2600	18.9	18.1 - 19.6	41.8	41.2 - 42.2	20.8	20.4 - 21.1	5.9	5.6 - 6.1	5.0	4.9 - 5.0	11.5	11.3 - 11.7	17.7	17.7 - 17.8	1830	1410 - 2070
Ventrm	2800	28.6	25.7 - 30.1	46.4	45.5 - 47.7	18.8	17.9 - 19.2	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	2600	19.1	17.8 - 19.8	44.5	43.0 - 46.1	20.0	19.3 - 20.7	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	3100	23.1	20.4 - 26.2	47.5	46.0 - 48.6	19.2	18.7 - 19.9	4.9	4.8 - 5.0	5.2	5.1 - 5.2	10.6	10.4 - 10.6	17.3	17.2 - 17.5	1762	1430 - 1940
X790P	3400	23.4	22.1 - 25.7	47.0	45.3 - 48.2	19.3	18.7 - 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]CHU - crop heat units 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

The Canadian Food Soybean Database is a collaborative project involving the Canadian International Grains Institute (CIGI), Agriculture and Agri-Food Canada (AAFC), the Ontario Oil and Protein Seed Crop Committee (OOPSCC), Ontario Soybean Growers (OSG) and Soy 20/20.