



Canadian Food Grade Soybean Database - 2009 Crop Year

Variety	CHU ⁷	Seed Size		Protein		Oil		Sucrose		Oligosaccharides ²		Total Free Sugars ³		Total Carbohydrate ⁴		Total Isoflavones ⁵	
		Average ⁸	Range ⁹	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range
91M10	2800	16.1	14.9 - 17.7	41.0	39.8 - 43.6	19.3	18.4 - 20.5	7.2	6.1 - 8.0	4.1	3.8 - 4.6	11.9	10.9 - 12.7	18.8	17.9 - 19.9	2600	2170 - 3080
92M10	3100	16.1	12.9 - 18.5	40.5	39.8 - 41.0	20.4	19.7 - 20.8	6.6	6.0 - 7.4	4.5	4.0 - 5.0	11.7	11.3 - 12.3	19.1	18.5 - 20.1	3000	2260 - 3360
ADV Cadet	2800	21.3	20.7 - 21.9	45.4	45.0 - 46.5	17.5	16.9 - 18.3	6.0	5.4 - 6.6	4.5	4.3 - 4.7	11.1	10.6 - 11.6	18.3	17.8 - 19.3	2530	2060 - 2990
ADV Windfall	2600	20.9	19.3 - 22.4	44.2	44.0 - 44.3	18.1	17.2 - 19.1	6.9	6.4 - 7.4	4.4	4.1 - 4.7	11.7	11.2 - 12.3	19.3	18.3 - 20.1	2470	2160 - 2780
ADV108	2800	20.6	19.1 - 22.4	41.6	40.7 - 42.5	18.6	18.0 - 19.8	7.6	6.7 - 8.7	4.2	4.0 - 4.5	12.4	11.3 - 13.3	19.6	18.4 - 20.9	2570	2040 - 3170
Chikala	2600	9.1	7.8 - 10.2	40.4	39.1 - 42.3	19.0	18.1 - 20.3	6.0	5.6 - 6.5	4.8	4.3 - 5.2	11.2	10.7 - 11.6	19.6	19.0 - 20.3	2310	1980 - 2580
Dares	2600	21.8	18.9 - 24.1	42.7	41.7 - 43.8	19.5	18.3 - 20.7	6.2	5.5 - 7.0	4.7	4.4 - 5.0	11.4	10.9 - 12.3	19.0	18.5 - 20.2	2290	1930 - 2680
DESTINY	2800	21.7	20.0 - 23.3	42.8	40.4 - 43.9	19.0	18.6 - 19.7	6.2	5.7 - 6.6	4.5	4.2 - 4.9	11.3	10.9 - 11.8	18.5	17.7 - 19.1	2410	2130 - 2660
DF 155	3100	21.8	17.4 - 25.0	46.1	45.4 - 46.8	18.7	17.9 - 19.0	5.8	5.0 - 6.4	4.6	4.2 - 4.9	11.1	10.7 - 11.4	17.9	17.5 - 18.2	2320	1810 - 2800
DF 155	3400	23.5	22.7 - 24.0	43.9	43.4 - 44.6	20.3	19.8 - 20.5	5.9	5.3 - 6.4	4.4	4.0 - 4.7	11.1	10.5 - 11.5	17.6	17.1 - 18.3	2520	2220 - 2840
DH410	2800	17.1	16.4 - 18.0	43.9	43.4 - 44.5	18.2	17.2 - 19.2	6.1	5.2 - 6.6	4.7	4.3 - 5.0	11.5	10.6 - 12.1	18.4	17.5 - 19.3	2200	1920 - 2640
DH410	3100	19.4	16.5 - 20.6	45.2	42.6 - 46.2	19.8	19.5 - 20.3	5.5	5.1 - 5.8	4.6	4.2 - 5.0	10.8	10.4 - 11.2	17.6	17.0 - 18.3	2150	1780 - 2500
DH420	2600	21.7	19.8 - 25.2	45.2	44.7 - 46.2	18.5	17.5 - 19.9	6.0	5.6 - 6.5	4.7	4.4 - 4.9	11.0	10.8 - 11.4	18.4	17.6 - 19.2	1950	1740 - 2220
DH530	2800	20.6	18.9 - 21.8	41.7	41.0 - 42.5	19.4	19.0 - 20.3	7.4	6.9 - 8.2	4.1	3.7 - 4.4	12.2	11.6 - 12.8	19.3	18.8 - 20.0	3090	2700 - 3440
Drew	2600	19.4	17.3 - 22.1	43.0	42.8 - 43.3	19.4	18.1 - 20.5	6.6	6.3 - 7.2	4.3	4.1 - 4.6	11.5	10.8 - 11.9	19.1	18.4 - 20.0	2120	1880 - 2340
HDC 1600T	2800	19.0	17.4 - 21.1	42.4	41.9 - 43.3	18.7	17.9 - 20.0	6.3	5.5 - 7.1	4.9	4.7 - 5.3	11.8	10.9 - 12.6	18.6	17.7 - 19.7	2420	1940 - 3040
HDC 1600T	3100	22.2	18.4 - 25.4	43.4	42.4 - 44.6	20.6	20.3 - 20.9	5.6	4.9 - 6.5	4.9	4.5 - 5.2	11.2	10.6 - 11.6	17.9	17.6 - 18.4	2250	1710 - 2600
HDC 2701	2600	22.8	21.0 - 24.8	48.2	47.3 - 48.9	17.6	16.3 - 18.6	5.5	5.0 - 6.6	4.5	4.1 - 4.8	10.7	10.0 - 11.8	17.5	16.5 - 18.3	2020	1700 - 2330
HDC 2701	2800	21.9	20.0 - 23.5	47.4	46.9 - 48.5	17.8	17.4 - 18.5	5.4	4.8 - 6.1	4.5	4.2 - 4.8	10.6	10.0 - 11.2	17.3	16.3 - 17.9	2100	1540 - 2390
Howick	2600	23.2	21.2 - 25.0	45.4	45.0 - 46.0	18.3	17.3 - 19.5	6.4	5.9 - 7.1	4.6	4.2 - 4.9	11.6	10.8 - 12.3	18.9	18.4 - 19.4	2150	1800 - 2640
Katrina	2800	19.9	18.7 - 21.8	42.6	39.4 - 44.2	18.9	17.9 - 20.2	7.1	6.8 - 7.5	4.4	4.2 - 4.8	12.2	11.6 - 12.8	19.2	18.5 - 19.9	2540	2330 - 2850
Katrina	3100	23.0	18.4 - 25.5	43.7	42.1 - 44.6	20.0	19.7 - 20.3	6.7	6.2 - 7.2	4.4	4.1 - 4.9	11.9	11.4 - 12.2	18.6	18.1 - 19.7	2300	1970 - 2740
MK-H076	3100	28.2	24.0 - 30.8	42.8	41.4 - 43.6	20.1	19.9 - 20.2	7.2	6.6 - 7.7	4.2	3.9 - 4.6	12.1	11.7 - 12.5	19.1	18.5 - 20.6	2580	2100 - 3050
MK-H076	3400	30.1	29.2 - 31.8	41.3	40.4 - 42.0	20.9	20.6 - 21.1	7.0	6.4 - 7.7	4.2	3.8 - 4.6	11.7	10.9 - 12.4	18.6	17.6 - 19.8	2670	2130 - 3380
Nature	3400	26.5	24.4 - 27.8	44.8	44.1 - 45.4	19.8	19.2 - 20.5	6.5	5.8 - 7.2	4.3	4.0 - 4.8	11.6	11.3 - 12.3	18.2	17.4 - 19.7	2380	1950 - 2730
OAC Bayfield	2600	20.6	18.2 - 22.1	42.0	41.3 - 42.7	20.0	18.2 - 21.0	6.8	6.4 - 7.2	4.6	4.4 - 4.9	11.8	11.5 - 12.3	19.2	18.8 - 19.7	2340	2030 - 2590
OAC Champion	2600	19.5	16.3 - 21.8	44.9	43.5 - 46.2	19.2	18.0 - 20.1	5.2	4.9 - 5.7	4.7	4.3 - 5.0	10.5	10.3 - 10.9	17.8	17.1 - 18.2	1840	1510 - 2210
OAC Ginty	2800	17.9	17.4 - 18.7	42.6	41.6 - 43.4	19.3	18.5 - 20.3	6.1	5.3 - 6.8	4.6	4.3 - 4.9	11.2	10.5 - 11.8	18.2	17.4 - 18.9	2490	1920 - 2890
OAC Huron	2800	21.0	19.6 - 22.2	43.0	42.4 - 43.6	18.5	17.9 - 19.2	7.3	6.5 - 7.9	4.0	3.8 - 4.5	12.0	11.4 - 12.7	18.8	18.0 - 20.0	2600	1950 - 3140
OAC Kent	3100	24.7	19.7 - 27.0	42.9	42.3 - 43.5	21.4	20.5 - 22.1	6.2	5.8 - 6.5	4.3	3.8 - 4.7	11.0	10.5 - 11.6	18.1	17.2 - 18.8	2040	1670 - 2470
OAC Kent	3400	23.4	21.6 - 24.8	42.0	41.3 - 42.4	22.5	21.9 - 23.0	6.0	5.6 - 6.3	4.3	3.9 - 4.7	10.8	10.3 - 11.0	17.6	16.8 - 18.2	2120	1630 - 2650
OAC Lakeview	2600	19.2	16.6 - 21.4	40.3	39.9 - 40.9	19.8	17.5 - 21.4	7.6	7.2 - 8.2	4.3	4.0 - 4.7	12.4	11.8 - 13.2	19.7	19.1 - 20.7	2810	2340 - 3150
OAC Prodigy	2800	20.2	18.9 - 21.7	42.2	41.3 - 43.5	18.9	18.2 - 19.8	6.5	5.7 - 7.1	4.4	4.0 - 4.9	11.4	10.8 - 11.8	19.4	18.7 - 20.1	2700	2180 - 3060
OAC Wallace	2600	19.5	16.8 - 22.2	39.5	39.1 - 40.0	20.8	19.2 - 22.0	6.8	6.3 - 7.3	4.6	4.2 - 5.0	11.7	11.3 - 12.2	20.0	19.4 - 20.7	3120	2850 - 3520
OAC Wallace	2800	19.5	17.7 - 21.4	38.6	38.0 - 40.2	20.8	19.9 - 21.5	6.8	6.3 - 7.3	4.5	4.3 - 4.8	11.7	11.2 - 12.2	19.9	19.5 - 20.6	3320	2730 - 3790
PRO 25-53	2400	21.6	21.1 - 22.0	43.7	43.6 - 43.7	19.9	19.5 - 20.2	6.5	6.2 - 6.9	4.3	4.0 - 4.5	11.3	11.0 - 11.7	18.4	18.0 - 19.2	2540	2290 - 2750
PRO 26-53	2600	21.5	18.3 - 24.3	42.2	40.0 - 43.4	19.1	17.4 - 20.2	6.8	6.2 - 7.4	4.6	4.4 - 4.9	11.8	11.1 - 12.8	19.2	18.4 - 20.1	2700	2420 - 3010
PRO 275	2600	19.6	17.7 - 21.5	42.0	41.5 - 43.0	19.3	17.7 - 20.5	7.0	6.5 - 7.8	4.5	4.3 - 4.7	12.1	11.6 - 12.9	19.2	18.5 - 20.1	2500	2180 - 2710

PS 73	2800	18.3	16.0	- 19.7	41.7	40.6 - 42.9	18.7	17.9 - 19.6	7.2	6.2 - 7.8	4.7	4.4 - 5.1	12.4	11.6 - 12.9	19.7	19.3 - 20.4	3100	2360 - 3430
RCAT Pinehurst	3100	19.9	16.4	- 22.4	42.0	40.3 - 43.2	20.1	19.7 - 20.5	7.5	7.1 - 8.1	4.5	4.1 - 4.9	12.6	12.2 - 13.1	19.0	18.3 - 20.0	2220	1920 - 2560
RCAT Pinehurst	3400	19.7	18.0	- 21.1	41.0	40.3 - 41.5	21.1	20.5 - 21.4	7.2	6.7 - 7.8	4.5	4.1 - 4.9	12.5	11.7 - 13.0	18.5	17.7 - 19.8	2350	1870 - 2660
S03-W4	2600	18.9	17.1	- 20.7	43.6	42.7 - 44.9	19.3	18.5 - 20.1	6.7	5.9 - 7.5	4.7	4.4 - 5.0	11.9	11.2 - 12.5	18.9	18.3 - 19.5	1920	1530 - 2220
S05-T6	2600	19.8	17.3	- 22.1	42.1	41.3 - 42.9	19.2	18.2 - 20.3	7.7	7.3 - 8.4	4.5	4.2 - 4.8	12.8	12.2 - 13.5	19.7	19.0 - 20.7	2550	2090 - 2970
S10-B7	2800	17.1	15.7	- 17.8	40.6	40.3 - 41.0	19.4	18.9 - 20.1	7.8	6.6 - 8.7	4.2	3.9 - 4.4	12.6	11.6 - 13.4	19.9	19.0 - 20.9	3340	2940 - 3790
S12-A5	2800	20.8	18.9	- 23.4	41.3	40.9 - 42.0	18.9	18.3 - 19.9	8.1	7.4 - 8.6	4.4	4.0 - 4.6	13.2	12.0 - 13.8	19.9	18.8 - 20.8	3090	2740 - 3340
S18-R6	2800	19.8	18.7	- 20.3	40.9	40.4 - 41.7	18.7	18.2 - 19.7	7.5	7.0 - 8.1	4.6	4.4 - 4.8	12.6	12.0 - 13.4	20.4	19.2 - 21.4	2710	2310 - 3100
S18-R6	3100	22.4	20.0	- 23.4	41.8	40.1 - 42.8	20.5	20.2 - 20.8	7.1	6.7 - 7.6	4.5	4.1 - 4.9	12.2	11.9 - 12.5	19.6	19.2 - 20.2	2430	1980 - 2740
S20-G7	3100	24.0	18.6	- 27.0	44.3	42.9 - 45.0	19.4	19.2 - 19.5	6.8	6.2 - 7.7	4.3	4.0 - 4.6	11.8	11.4 - 12.4	18.5	18.1 - 19.4	2600	2260 - 3040
S23-T5	3100	19.4	16.2	- 21.6	41.5	40.5 - 42.6	19.5	19.2 - 20.0	7.1	6.6 - 7.6	4.4	4.1 - 4.8	12.2	11.8 - 12.7	19.4	19.1 - 20.1	2920	2400 - 3320
S23-T5	3400	20.2	19.5	- 21.5	41.9	40.7 - 42.9	20.0	19.4 - 20.4	6.5	6.0 - 7.1	4.5	4.3 - 4.8	11.8	11.4 - 12.4	18.8	18.1 - 19.8	3080	2670 - 3470
S26-F9	3400	21.8	20.0	- 23.7	41.8	40.7 - 42.7	21.2	20.7 - 21.8	6.5	5.9 - 6.8	4.5	4.0 - 4.9	11.7	11.1 - 12.0	18.7	17.8 - 19.6	2550	2030 - 2980
Savanna	2600	20.6	17.7	- 22.9	43.7	42.5 - 44.4	19.2	18.0 - 20.2	5.9	5.5 - 6.4	4.5	4.3 - 4.8	11.0	10.5 - 11.4	18.5	18.1 - 19.0	2630	2360 - 3170
Stargazer	2800	23.1	21.1	- 24.4	43.8	43.0 - 44.9	18.5	17.9 - 19.4	6.4	5.7 - 7.3	4.2	4.0 - 4.5	11.4	10.8 - 12.0	18.3	17.5 - 19.3	2600	2210 - 3130
Stargazer	3100	24.7	21.3	- 27.2	45.5	44.2 - 47.6	20.4	19.8 - 20.8	5.5	5.0 - 6.3	4.4	4.1 - 4.8	10.6	10.0 - 11.1	17.5	16.7 - 18.1	2330	2050 - 2720
Venus	2600	21.6	19.6	- 23.9	46.2	45.6 - 47.1	18.4	17.1 - 19.0	5.4	5.1 - 6.0	4.7	4.4 - 5.2	10.8	10.3 - 11.5	17.7	17.1 - 18.4	1690	1350 - 2000
X790P	3100	25.8	22.7	- 27.9	48.1	45.8 - 49.8	18.2	17.7 - 19.1	5.4	4.9 - 5.7	4.6	4.4 - 4.9	10.6	10.1 - 11.1	17.6	17.0 - 18.1	2390	2030 - 2890
X790P	3400	26.8	26.1	- 27.7	48.5	47.8 - 48.9	18.6	18.1 - 19.0	5.0	4.5 - 5.4	4.5	4.2 - 4.9	10.2	9.9 - 10.7	17.0	16.2 - 17.6	2360	1970 - 2640

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.

²stachyose and raffinose

³includes all soluble sugars

⁴includes soluble and non-soluble sugars

⁵the sum of genistein, daidzein and glycitein aglycone equivalents

⁶parts per million (equivalent to mg/kg or µg/g)

⁷CHU - crop heat units for the test sites at which the variety was grown

⁸averaged across all test sites where the variety was grown

⁹minimum 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 (OOPS), Ontario Soybean Growers (OSG) and Soy 20/20.