

# Canadian Food-Grade Soybean Database - 2014 Crop Year

Variety Name	Test Area <sup>7</sup>	Hilum Colour	Seed Size (g/100 seeds)		Protein (% DM) <sup>1</sup>		Oil (% DM)		Sucrose (% DM)		Oligosaccharides <sup>2</sup> (% DM)		Total Free Sugars <sup>3</sup> (% DM)		Total Carbohydrates <sup>4</sup> (% DM)		Total Isoflavones <sup>5</sup> (ppm) <sup>6</sup>	
			Average <sup>8</sup>	Range <sup>9</sup>	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range
AAC 26-15	MG 2 Early	Y	22.9	19.1 - 24.3	44.8	44.1 - 45.8	19.6	19.6 - 19.7	6.5	6.3 - 6.8	4.9	4.6 - 5.0	11.9	11.5 - 12.3	17.8	17.5 - 18.0	2160	1860 - 2450
AAC 26-15	MG 2 Late	Y	22.4	21.5 - 23.7	44.2	43.5 - 45.0	20.1	19.4 - 21.0	6.5	6.0 - 6.8	4.8	4.7 - 4.8	11.7	11.2 - 12.2	17.7	17.5 - 18.0	1940	1760 - 2150
AAC Malden	MG 2 Early	Y	25.4	22.8 - 26.9	46.0	45.7 - 46.3	18.7	18.0 - 19.4	7.5	7.5 - 7.7	4.7	4.3 - 5.0	12.8	12.4 - 13.0	18.7	18.5 - 18.9	2500	2330 - 2750
AAC Malden	MG 2 Late	Y	23.8	21.6 - 24.9	46.0	45.2 - 46.8	18.1	17.8 - 18.4	7.2	6.9 - 7.6	4.6	4.5 - 4.8	12.3	12.2 - 12.5	18.5	18.3 - 18.7	2390	2190 - 2630
AAC Mandor	MG 0	Y	20.7	19.2 - 22.4	41.5	40.0 - 43.3	19.5	18.6 - 20.3	8.6	8.4 - 8.8	4.1	3.9 - 4.3	13.3	13.1 - 13.5	19.6	19.3 - 19.8	2410	2170 - 2660
AAC Stern	MG 2 Late	Y	20.7	20.7 - 20.8	45.0	43.7 - 45.7	18.9	18.4 - 19.4	6.6	6.4 - 6.9	4.7	4.7 - 4.9	12.0	11.7 - 12.1	18.0	17.8 - 18.4	2420	2260 - 2560
AAC Vireo	MG 0	IY	26.8	25.3 - 27.7	44.0	43.3 - 45.1	20.0	19.5 - 20.6	6.1	5.9 - 6.4	4.4	4.4 - 4.5	11.2	11.0 - 11.5	17.7	17.4 - 18.1	2060	1840 - 2240
Acora	MG 1	IY	21.5	20.7 - 22.7	41.8	40.7 - 43.1	20.4	19.6 - 21.2	7.4	7.0 - 7.6	4.7	4.6 - 4.7	12.4	12.1 - 12.7	18.7	18.2 - 19.2	2320	1990 - 2520
ADV Cadet	MG 1	Y	24.4	23.0 - 26.1	46.1	45.5 - 46.9	17.8	17.6 - 18.3	6.3	6.2 - 6.4	4.9	4.8 - 4.9	11.5	11.4 - 11.6	17.8	17.8 - 18.0	2430	2260 - 2720
Amadeus	MG 0	IY	19.7	17.1 - 21.2	47.6	46.7 - 49.2	17.6	16.4 - 18.3	5.7	5.4 - 6.0	4.6	4.5 - 4.7	10.8	10.4 - 11.1	17.5	17.1 - 17.9	1890	1650 - 2020
Anser	MG 0	IY	21.7	19.8 - 23.5	41.5	39.0 - 43.5	20.6	19.3 - 21.9	6.3	5.7 - 6.8	4.6	4.4 - 4.8	11.4	10.8 - 12.2	18.5	18.1 - 19.1	2040	1750 - 2390
Arius	MG 1	Y	27.3	26.4 - 28.7	44.0	43.8 - 44.2	18.4	18.0 - 18.8	7.7	7.7 - 7.8	4.5	4.4 - 4.6	12.6	12.5 - 12.7	18.8	18.8 - 19.0	1710	1580 - 1890
Astor	MG 0	Y	23.9	21.5 - 25.2	44.5	42.9 - 45.8	20.0	19.0 - 21.5	6.5	6.2 - 6.7	4.2	4.1 - 4.3	11.3	11.1 - 11.3	17.5	17.4 - 17.7	2510	2370 - 2610
Auriga	MG 0	Y	20.5	17.8 - 22.0	40.6	39.5 - 42.3	20.3	19.5 - 20.9	7.9	7.6 - 8.4	5.0	4.9 - 5.1	13.4	13.0 - 13.9	19.4	19.0 - 19.8	2030	1990 - 2070
Aviator	MG 1	BR	21.8	21.1 - 22.3	42.0	41.1 - 42.5	20.0	19.5 - 20.7	8.1	8.0 - 8.3	4.8	4.7 - 4.9	13.3	13.1 - 13.4	18.9	18.7 - 19.2	3330	3030 - 3550
Bakara	MG 1	IY	23.6	22.2 - 25.7	43.9	42.9 - 44.8	19.5	18.9 - 20.4	7.6	7.3 - 7.9	4.5	4.5 - 4.6	12.6	12.2 - 12.8	18.1	17.9 - 18.4	1910	1710 - 2070
Black Pearl	MG 1	BL	21.4	21.1 - 21.8	42.6	41.7 - 43.8	20.7	20.1 - 21.2	7.1	6.9 - 7.3	4.3	4.3 - 4.4	11.8	11.5 - 12.0	17.7	17.5 - 17.9	2010	1800 - 2120
Candor	MG 1	Y	28.7	26.7 - 30.9	44.5	43.7 - 45.2	18.3	17.7 - 18.9	7.5	7.3 - 7.6	4.6	4.5 - 4.7	12.7	12.5 - 12.8	18.3	18.2 - 18.5	2050	1870 - 2180
Candor	MG 2 Early	Y	27.5	23.9 - 30.0	46.0	45.6 - 46.8	19.0	18.5 - 19.4	7.1	7.0 - 7.2	4.5	4.2 - 4.8	12.2	11.8 - 12.4	18.0	17.7 - 18.2	1900	1740 - 2010
Celebrity	MG 0	IY	21.1	18.5 - 23.0	43.6	42.8 - 44.6	20.2	19.2 - 20.9	6.7	6.5 - 7.0	4.7	4.6 - 4.8	12.0	11.7 - 12.4	18.0	17.7 - 18.4	1640	1560 - 1680
Chikala	MG 0	Y	10.4	9.5 - 11.7	40.2	38.0 - 42.7	20.1	18.8 - 21.5	6.4	6.3 - 6.5	4.8	4.6 - 4.8	11.6	11.4 - 11.9	19.4	18.9 - 19.8	1890	1730 - 2100
Colby	MG 1	Y	21.4	20.0 - 22.4	39.5	37.6 - 40.6	20.8	20.2 - 22.0	8.4	8.0 - 8.7	4.4	4.3 - 4.5	13.1	12.6 - 13.5	19.7	19.4 - 20.0	2190	2020 - 2370
Destiny	MG 1	IY	23.4	23.2 - 23.6	43.6	42.2 - 45.5	19.9	19.0 - 20.8	6.4	6.1 - 6.5	4.5	4.5 - 4.6	11.5	11.2 - 11.8	18.2	17.8 - 18.5	2280	2000 - 2430
DF 155	MG 2 Early	Y	24.6	21.6 - 26.4	46.2	45.4 - 46.8	19.1	18.7 - 19.3	6.3	6.2 - 6.5	4.9	4.7 - 5.0	11.7	11.4 - 11.9	17.7	17.4 - 17.9	2250	2060 - 2370
DF 155	MG 2 Late	Y	23.2	22.1 - 24.4	45.3	44.5 - 46.9	19.7	18.9 - 20.2	6.0	5.7 - 6.3	4.8	4.7 - 5.0	11.4	11.2 - 11.5	17.6	17.2 - 17.8	2000	1740 - 2110
DH410SCN	MG 1	Y	20.1	19.7 - 20.7	44.6	43.5 - 46.1	19.1	18.5 - 19.5	6.1	6.0 - 6.2	4.9	4.9 - 5.0	11.5	11.3 - 11.7	17.5	17.4 - 17.6	1810	1770 - 1840
DH4173	MG 1	Y	21.0	20.2 - 21.4	41.7	40.7 - 43.1	20.2	19.3 - 21.2	7.7	7.3 - 8.0	4.4	4.4 - 4.5	12.7	12.2 - 13.0	19.2	18.8 - 19.6	2310	2060 - 2510
DH4202	MG 1	Y	21.5	19.9 - 23.1	40.4	40.1 - 40.6	20.5	20.2 - 20.9	7.7	7.5 - 7.8	4.4	4.4 - 4.4	12.6	12.4 - 12.8	19.4	19.4 - 19.5	2450	2050 - 2690
DH5170	MG 1	Y	17.3	17.1 - 17.5	41.3	40.6 - 42.3	20.5	19.9 - 21.0	7.4	7.0 - 7.8	4.8	4.7 - 4.9	12.7	12.4 - 13.0	19.0	18.7 - 19.1	2190	1890 - 2350
DH530	MG 1	IY	22.5	22.2 - 22.8	41.3	40.4 - 43.0	20.6	19.4 - 21.4	7.6	7.5 - 7.6	4.2	4.2 - 4.2	12.2	12.2 - 12.3	18.9	18.8 - 19.0	2820	2270 - 3250
DH618	MG 0	IY	22.9	20.2 - 24.3	42.3	41.2 - 43.5	20.6	19.8 - 21.2	6.5	6.3 - 6.5	4.6	4.4 - 4.7	11.7	11.4 - 11.9	18.1	17.8 - 18.3	2420	2400 - 2450
DH748	MG 1	IY	18.8	18.2 - 19.3	36.9	35.4 - 38.9	21.8	21.0 - 22.4	8.0	7.6 - 8.3	4.7	4.6 - 4.7	13.1	12.6 - 13.4	20.2	19.8 - 20.6	2900	2500 - 3120
DH863	MG 0	IY	20.4	17.5 - 22.6	46.3	45.1 - 47.3	18.2	17.4 - 18.6	5.8	5.7 - 5.9	4.5	4.4 - 4.8	11.0	10.7 - 11.3	17.4	16.9 - 17.8	1940	1840 - 2030
Eider	MG 1	Y	23.5	22.1 - 24.8	42.9	41.3 - 44.1	20.1	19.3 - 21.2	6.3	6.3 - 6.3	4.7	4.7 - 4.7	11.5	11.4 - 11.6	18.1	17.9 - 18.4	1820	1660 - 2010
Emperor	MG 0	IY	25.3	21.7 - 27.4	44.2	43.2 - 45.6	19.5	19.0 - 20.3	7.0	6.9 - 7.1	4.0	3.9 - 4.2	11.7	11.6 - 11.8	17.8	17.5 - 18.0	2060	1790 - 2460
Emperor	MG 1	IY	26.1	25.2 - 26.9	43.6	43.1 - 43.8	20.0	19.7 - 20.6	7.0	7.0 - 7.1	4.2	4.1 - 4.2	11.8	11.8 - 11.8	17.9	17.8 - 18.1	2090	1820 - 2240
Etna	MG 0	IY	22.7	20.8 - 24.5	42.2	41.2 - 43.3	20.7	19.9 - 21.8	8.2	8.0 - 8.4	4.2	4.1 - 4.2	12.8	12.6 - 12.9	18.6	18.5 - 18.7	2150	2010 - 2430
Factor	MG 0	GR	20.6	18.3 - 21.9	43.4	42.5 - 44.4	20.0	19.3 - 20.9	6.9	6.6 - 7.0	4.2	4.2 - 4.3	11.7	11.4 - 11.9	18.4	18.2 - 18.5	2540	2330 - 2690

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Variety	Test Area <sup>7</sup>	Hilum Colour	Seed Size (g/100 seeds)		Protein (% DM) <sup>1</sup>		Oil (% DM)		Sucrose (% DM)		Oligosaccharides <sup>2</sup> (% DM)		Total Free Sugars <sup>3</sup> (% DM)		Total Carbohydrates <sup>4</sup> (% DM)		Total Isoflavones <sup>5</sup> (ppm) <sup>6</sup>	
			Average <sup>8</sup>	Range <sup>9</sup>	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range
Furio	MG 0	IY	25.9	23.2 - 27.7	44.8	44.3 - 45.6	19.3	18.9 - 19.9	7.5	7.2 - 7.7	4.6	4.4 - 4.7	12.7	12.4 - 12.9	17.9	17.7 - 18.1	1630	1430 - 1830
Furio	MG 1	IY	24.9	23.5 - 25.9	43.4	42.6 - 44.6	19.8	18.9 - 20.7	7.4	7.3 - 7.5	4.6	4.5 - 4.7	12.4	12.3 - 12.6	18.1	17.9 - 18.3	1750	1610 - 1860
Gladiator	MG 0	IY	23.7	23.2 - 24.5	45.2	44.3 - 46.1	19.2	18.9 - 19.7	6.9	6.7 - 7.1	4.2	4.1 - 4.3	11.6	11.3 - 11.9	17.7	17.5 - 17.9	2660	2420 - 2970
Grandor	MG 1	IY	21.7	21.3 - 22.6	44.6	43.3 - 46.2	19.4	18.5 - 20.3	6.6	6.3 - 6.8	4.5	4.4 - 4.5	11.6	11.3 - 11.9	18.1	17.6 - 18.4	1940	1670 - 2150
Havane	MG 1	Y	22.7	22.1 - 23.8	42.3	40.7 - 43.5	19.7	19.0 - 21.0	7.8	7.4 - 8.0	4.2	4.1 - 4.2	12.4	12.1 - 12.7	19.0	18.6 - 19.3	1980	1880 - 2040
HC 1912N	MG 1	Y	19.5	18.1 - 21.4	42.6	41.7 - 43.6	18.9	18.3 - 19.4	7.6	7.1 - 7.9	4.7	4.6 - 4.7	12.8	12.3 - 13.0	19.0	18.4 - 19.3	2710	2320 - 2940
HC 1912N	MG 2 Early	Y	19.2	16.2 - 21.5	44.1	43.2 - 45.5	19.1	18.9 - 19.3	7.2	7.0 - 7.5	4.6	4.3 - 4.8	12.3	11.7 - 12.7	18.7	18.4 - 19.0	2470	2220 - 2780
HDC 1600T	MG 1	Y	22.1	21.3 - 22.6	42.9	42.3 - 44.0	19.7	19.0 - 20.3	6.5	6.5 - 6.6	5.0	4.9 - 5.1	12.0	11.9 - 12.1	18.2	18.1 - 18.3	2350	2190 - 2440
HDC 1600T	MG 2 Early	Y	21.6	19.7 - 23.5	43.6	42.7 - 44.3	20.7	20.5 - 21.0	6.0	5.8 - 6.3	5.1	4.7 - 5.2	11.6	11.1 - 11.9	17.8	17.6 - 18.2	1940	1840 - 2030
HDC Blake	MG 1	Y	27.0	25.3 - 28.1	43.3	42.6 - 44.2	18.9	18.3 - 19.6	8.2	8.2 - 8.4	4.2	4.1 - 4.3	13.0	12.9 - 13.0	18.8	18.6 - 18.9	2110	1960 - 2190
HDC Blake	MG 2 Early	Y	26.3	22.6 - 28.4	44.6	44.0 - 45.4	19.6	19.3 - 20.0	7.7	7.5 - 8.0	4.2	3.8 - 4.3	12.4	11.8 - 12.8	18.4	18.0 - 18.7	1750	1660 - 1840
HDC Goshen	MG 1	Y	23.5	22.7 - 24.7	43.8	43.6 - 44.1	18.7	18.2 - 19.0	7.2	7.0 - 7.3	5.1	5.0 - 5.2	12.7	12.6 - 12.9	18.4	18.4 - 18.5	1990	1860 - 2070
HDC Goshen	MG 2 Early	Y	23.7	20.6 - 25.3	45.4	45.0 - 46.1	19.0	18.5 - 19.2	6.6	6.5 - 6.7	5.0	4.6 - 5.2	12.1	11.7 - 12.3	18.0	17.8 - 18.3	1670	1490 - 1780
HDC Winthrop	MG 0	IY	26.5	26.2 - 26.8	44.3	42.1 - 45.4	20.0	19.0 - 21.3	7.5	7.4 - 7.6	4.1	4.0 - 4.2	12.3	12.1 - 12.4	18.1	17.9 - 18.3	2230	1970 - 2510
HS 09C02	MG 0	Y	23.1	21.7 - 24.7	43.9	42.3 - 45.1	19.3	18.6 - 20.6	7.2	7.1 - 7.2	4.8	4.6 - 4.9	12.7	12.4 - 12.9	18.6	18.4 - 18.8	1230	1130 - 1290
HS 09C02	MG 1	Y	21.2	20.1 - 21.8	43.3	42.8 - 43.9	19.7	18.9 - 20.4	6.7	6.6 - 6.7	4.8	4.7 - 4.8	11.9	11.8 - 12.1	18.5	18.5 - 18.6	1290	1240 - 1360
HS 13C38	MG 1	Y	21.3	20.5 - 22.2	42.9	41.5 - 44.2	19.9	19.0 - 21.3	7.0	6.7 - 7.2	4.7	4.6 - 4.8	12.1	12.0 - 12.2	18.2	17.8 - 18.6	2200	1810 - 2500
Jari	MG 0	IY	20.6	18.9 - 22.2	47.0	46.2 - 47.9	18.3	17.5 - 18.7	6.1	6.0 - 6.4	4.5	4.4 - 4.6	11.3	11.0 - 11.5	17.1	16.7 - 17.4	1860	1740 - 2070
Kyoto	MG 0	Y	22.0	18.6 - 24.1	44.5	43.1 - 45.7	19.3	18.7 - 19.7	7.2	7.0 - 7.3	4.3	4.2 - 4.4	11.9	11.9 - 12.0	17.8	17.6 - 17.9	2540	2410 - 2750
Madison	MG 0	BR	21.3	17.8 - 23.8	41.8	40.0 - 43.3	21.3	20.2 - 22.5	6.6	6.4 - 6.8	4.6	4.3 - 4.8	11.8	11.8 - 11.8	18.3	18.2 - 18.5	2930	2690 - 3110
Marula	MG 0	Y	24.1	21.6 - 25.3	44.0	43.2 - 44.9	19.4	18.6 - 20.2	7.0	6.6 - 7.2	4.9	4.8 - 5.0	12.4	11.9 - 12.6	18.2	18.1 - 18.4	1730	1630 - 1850
Mersea	MG 2 Early	Y	23.2	20.3 - 25.2	42.7	42.0 - 43.5	20.2	19.8 - 20.4	7.2	6.8 - 7.6	4.8	4.5 - 4.9	12.5	11.9 - 13.0	18.8	18.4 - 19.2	1970	1830 - 2150
Mersea	MG 2 Late	Y	22.0	20.8 - 23.3	42.6	41.9 - 43.8	20.8	19.9 - 21.4	6.8	6.5 - 7.1	4.7	4.6 - 4.8	12.0	11.9 - 12.2	18.5	18.3 - 18.8	2000	1620 - 2140
Meteor	MG 0	IY	20.7	18.4 - 22.1	46.3	45.3 - 47.6	17.9	17.2 - 18.5	6.2	5.9 - 6.3	4.4	4.3 - 4.7	11.2	10.8 - 11.6	17.6	16.9 - 18.0	2160	2150 - 2170
Misty	MG 0	IY	19.3	17.4 - 21.3	42.8	41.2 - 43.7	19.6	18.7 - 20.3	6.7	6.6 - 6.8	4.6	4.4 - 4.7	11.8	11.5 - 12.0	19.0	18.7 - 19.2	2630	2560 - 2720
Narita	MG 0	IY	24.4	22.7 - 25.7	43.8	41.5 - 45.3	20.0	19.0 - 21.0	6.8	6.5 - 7.2	4.6	4.4 - 4.7	11.9	11.5 - 12.5	17.9	17.5 - 18.2	1620	1580 - 1670
Neptune	MG 0	IY	25.3	23.2 - 26.5	42.9	41.9 - 43.7	20.4	19.8 - 21.3	7.5	7.2 - 7.7	4.4	4.2 - 4.5	12.4	12.1 - 12.7	18.5	18.3 - 18.6	2370	2340 - 2420
OAC Avatar	MG 1	Y	21.6	21.3 - 22.1	41.2	40.5 - 42.4	20.4	19.7 - 21.0	7.7	7.4 - 8.0	4.7	4.7 - 4.7	12.8	12.5 - 13.0	19.3	18.9 - 19.5	3130	2680 - 3390
OAC Blythe	MG 0	BL	20.7	18.5 - 22.0	43.7	42.3 - 44.8	19.4	18.8 - 20.1	7.2	7.1 - 7.4	4.5	4.3 - 4.7	12.1	11.9 - 12.3	18.7	18.4 - 18.9	2450	2220 - 2850
OAC Brooke	MG 2 Early	Y	24.4	21.9 - 25.9	43.9	43.0 - 45.0	19.8	19.3 - 20.2	7.5	7.3 - 7.8	4.6	4.3 - 4.9	12.7	12.2 - 13.0	18.6	18.3 - 18.9	2000	1680 - 2240
OAC Brooke	MG 2 Late	Y	23.6	21.5 - 25.0	43.6	42.8 - 44.3	19.8	19.4 - 20.3	7.2	6.8 - 7.4	4.5	4.4 - 4.7	12.4	12.1 - 12.5	18.4	18.2 - 18.6	1960	1630 - 2310
OAC Calypso	MG 1	IY	21.0	20.4 - 21.6	39.6	38.8 - 40.7	20.7	20.3 - 21.2	7.4	7.1 - 7.5	4.7	4.7 - 4.7	12.5	12.2 - 12.6	19.7	19.4 - 20.0	3400	3020 - 3660
OAC Champion	MG 0	IY	22.8	20.3 - 24.3	44.2	43.4 - 45.1	19.6	19.1 - 20.3	6.0	6.0 - 6.1	4.5	4.4 - 4.6	11.2	11.1 - 11.3	17.9	17.8 - 18.1	1910	1850 - 1980
OAC Drayton	MG 0	LBR	20.5	17.4 - 22.1	39.4	38.5 - 40.6	21.3	20.5 - 22.2	6.9	6.8 - 7.0	4.7	4.6 - 4.8	12.1	11.9 - 12.2	19.4	19.0 - 19.6	3420	3310 - 3510
OAC Huron	MG 1	Y	25.0	24.2 - 25.6	43.5	42.4 - 45.0	19.5	18.5 - 20.2	7.6	7.4 - 7.7	4.3	4.2 - 4.4	12.4	12.3 - 12.5	18.5	18.2 - 18.8	2330	2060 - 2500
OAC Kent	MG 2 Early	Y	23.8	21.1 - 25.5	43.0	42.2 - 43.6	21.3	20.9 - 21.8	6.6	6.3 - 6.9	4.5	4.1 - 4.7	11.5	10.9 - 11.8	18.0	17.7 - 18.2	1890	1730 - 2050
OAC Kent	MG 2 Late	Y	23.8	22.2 - 25.5	43.8	43.4 - 44.6	21.4	20.8 - 22.1	6.1	5.8 - 6.6	4.5	4.3 - 4.6	11.0	10.8 - 11.4	17.5	17.0 - 18.0	1800	1520 - 1960
OAC Lakeview	MG 0	Y	21.8	19.3 - 23.1	40.7	39.6 - 42.5	20.6	19.5 - 21.9	7.8	7.7 - 8.1	4.4	4.3 - 4.6	12.7	12.6 - 13.0	19.4	19.1 - 19.7	2810	2620 - 2920

# Canadian Food-Grade Soybean Database - 2014 Crop Year

Variety Name	Test Area <sup>7</sup>	Hilum Colour	Seed Size (g/100 seeds)		Protein (% DM) <sup>1</sup>		Oil (% DM)		Sucrose (% DM)		Oligosaccharides <sup>2</sup> (% DM)		Total Free Sugars <sup>3</sup> (% DM)		Total Carbohydrates <sup>4</sup> (% DM)		Total Isoflavones <sup>5</sup> (ppm) <sup>6</sup>	
			Average <sup>8</sup>	Range <sup>9</sup>	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range	Average	Range
OAC Madoc	MG 0	Y	24.2	23.6 - 24.9	41.9	39.7 - 43.1	20.9	20.3 - 22.1	7.2	6.9 - 7.6	4.7	4.6 - 4.9	12.4	12.2 - 12.7	18.6	18.4 - 19.1	1740	1550 - 1960
OAC Marvel	MG 2 Early	Y	24.3	21.7 - 25.6	45.5	43.6 - 47.2	18.7	18.2 - 19.6	6.8	6.6 - 7.1	5.1	4.8 - 5.3	12.4	11.9 - 12.6	18.2	17.8 - 18.4	1850	1770 - 1880
OAC Marvel	MG 2 Late	Y	23.0	21.3 - 23.8	45.2	44.5 - 45.8	19.0	18.7 - 19.5	6.6	6.4 - 6.9	4.9	4.8 - 4.9	12.0	11.9 - 12.2	18.0	17.8 - 18.2	1870	1760 - 1980
OAC Nation	MG 0	IY	23.0	21.4 - 24.2	44.7	43.3 - 45.4	19.2	18.5 - 20.2	7.6	7.5 - 7.7	4.4	4.3 - 4.5	12.8	12.6 - 13.0	18.4	18.1 - 18.6	1910	1770 - 2110
OAC Petrel	MG 0	IY	18.6	17.0 - 21.0	43.8	41.5 - 45.4	19.3	18.4 - 20.3	6.5	6.2 - 6.8	4.8	4.6 - 5.0	11.9	11.5 - 12.4	18.0	17.5 - 18.6	2010	1830 - 2310
OAC Prescott	MG 0	GR	24.2	19.8 - 26.9	42.3	40.2 - 43.5	20.3	19.4 - 21.4	7.2	6.9 - 7.4	4.7	4.5 - 4.8	12.4	12.3 - 12.6	18.8	18.6 - 19.0	2820	2570 - 2960
OAC Thamesville	MG 2 Early	Y	24.5	21.9 - 26.7	43.8	43.0 - 44.5	19.7	19.5 - 19.9	8.1	7.8 - 8.3	4.4	4.1 - 4.6	12.9	12.4 - 13.3	18.7	18.5 - 19.0	2210	2020 - 2490
OAC Thamesville	MG 2 Late	Y	24.0	23.3 - 25.4	43.5	43.1 - 44.0	20.3	19.8 - 20.6	7.6	7.4 - 8.1	4.3	4.1 - 4.4	12.4	12.1 - 12.7	18.4	18.2 - 18.7	2100	1900 - 2250
OAC Wallace	MG 0	BR	21.2	18.7 - 23.6	39.1	38.4 - 40.4	21.4	20.6 - 22.1	7.3	7.1 - 7.5	4.8	4.6 - 4.8	12.3	12.2 - 12.6	19.7	19.4 - 20.1	3280	3100 - 3430
P07T86	MG 0	IY	23.7	20.2 - 25.9	46.5	45.8 - 47.2	18.6	18.1 - 19.0	6.4	6.0 - 6.7	4.7	4.6 - 4.8	11.6	11.4 - 12.0	17.5	17.2 - 18.0	1610	1540 - 1760
PRO 275	MG 0	IY	22.7	20.4 - 24.5	41.9	41.3 - 42.9	20.1	19.7 - 20.5	7.7	7.4 - 7.9	4.3	4.2 - 4.4	12.7	12.6 - 12.8	19.2	19.0 - 19.3	2450	2390 - 2490
S03-W4	MG 0	IY	22.0	20.4 - 24.1	43.8	42.8 - 45.2	20.1	19.4 - 20.7	7.1	6.8 - 7.4	4.6	4.5 - 4.6	12.1	11.9 - 12.4	17.8	17.5 - 18.0	1610	1460 - 1830
S05-T6	MG 0	IY	22.7	20.9 - 24.2	42.4	41.1 - 43.8	20.3	19.3 - 20.9	7.9	7.7 - 8.0	4.5	4.3 - 4.7	12.8	12.7 - 12.9	18.7	18.4 - 18.9	2230	2060 - 2320
S07-D2	MG 0	Y	23.3	20.8 - 24.6	45.7	44.6 - 46.9	18.2	17.7 - 18.7	6.6	6.4 - 6.8	4.6	4.5 - 4.7	11.7	11.5 - 11.8	18.3	17.8 - 18.8	2520	2310 - 2920
S07-M8	MG 0	IY	24.4	22.5 - 25.7	44.5	43.1 - 45.7	19.1	18.2 - 20.1	7.8	7.6 - 7.9	4.1	4.0 - 4.2	12.4	12.2 - 12.6	18.5	18.3 - 18.7	2710	2470 - 2930
S12-A5	MG 1	BR	21.9	20.5 - 22.8	42.2	40.6 - 43.3	19.8	19.1 - 20.7	8.0	7.9 - 8.1	4.5	4.5 - 4.6	12.9	12.8 - 13.1	18.9	18.5 - 19.2	2870	2590 - 3090
S14-L9	MG 1	IY	21.9	20.4 - 23.2	44.2	43.7 - 44.9	19.0	18.6 - 19.3	7.1	6.7 - 7.4	4.5	4.4 - 4.6	12.0	11.6 - 12.3	18.3	18.0 - 18.5	2640	2340 - 2860
S18-R6	MG 1	Y	22.1	21.2 - 22.7	40.8	40.2 - 41.3	19.5	19.1 - 20.2	7.7	7.7 - 7.8	4.9	4.9 - 5.0	13.1	13.0 - 13.1	19.3	19.2 - 19.5	2550	2320 - 2780
S18-R6	MG 2 Early	Y	21.1	19.2 - 23.0	41.9	41.4 - 42.9	20.3	19.9 - 20.8	7.2	7.1 - 7.5	4.9	4.6 - 5.0	12.6	12.2 - 12.8	19.0	18.8 - 19.2	2180	1940 - 2310
S20-G7	MG 2 Early	Y	24.2	21.1 - 27.0	45.5	44.8 - 46.3	19.4	19.3 - 19.7	6.8	6.5 - 7.1	4.6	4.3 - 4.8	11.9	11.7 - 12.3	17.7	17.5 - 17.9	2120	1940 - 2340
S21-C3	MG 2 Early	Y	20.2	16.7 - 22.9	43.0	42.3 - 43.6	20.0	19.5 - 20.2	6.7	6.5 - 6.9	5.0	4.6 - 5.2	12.2	11.8 - 12.5	18.5	18.2 - 18.8	2430	2250 - 2750
Saska	MG 0	IY	19.8	18.4 - 20.6	42.5	40.9 - 43.9	20.1	18.9 - 21.3	8.0	7.7 - 8.2	4.3	4.3 - 4.3	12.9	12.6 - 13.1	18.7	18.5 - 18.9	3100	2890 - 3470
SG 2311	MG 2 Early	Y	24.1	22.3 - 25.2	43.9	43.2 - 44.9	19.5	19.2 - 19.9	7.9	7.5 - 8.2	4.7	4.4 - 4.8	13.2	12.5 - 13.6	18.8	18.4 - 18.9	1860	1690 - 1960
Stargazer	MG 1	Y	26.9	24.6 - 29.1	44.2	43.0 - 44.9	19.5	19.1 - 20.2	6.6	6.4 - 6.7	4.4	4.4 - 4.5	11.5	11.4 - 11.6	17.7	17.5 - 17.9	2290	2080 - 2440
Taurus	MG 0	IY	22.3	20.7 - 23.5	46.2	45.0 - 46.8	18.7	18.1 - 19.2	6.0	5.9 - 6.1	4.3	4.3 - 4.4	11.0	11.0 - 11.1	17.5	17.1 - 17.6	1450	1270 - 1580
Thames	MG 1	Y	21.1	20.0 - 21.8	42.5	41.7 - 43.7	18.9	18.0 - 19.6	7.9	7.9 - 8.0	4.8	4.7 - 4.9	13.3	13.3 - 13.5	19.1	19.0 - 19.1	1820	1750 - 1890
Thames	MG 2 Early	Y	20.2	17.4 - 22.4	43.7	42.9 - 44.3	19.0	18.5 - 19.2	7.4	7.2 - 7.6	4.9	4.6 - 5.2	12.9	12.5 - 13.2	18.7	18.5 - 18.9	1540	1390 - 1780
Toma	MG 0	IY	22.4	19.6 - 25.4	43.0	41.3 - 44.5	20.5	19.4 - 21.5	6.5	6.4 - 6.6	4.3	4.1 - 4.4	11.3	11.1 - 11.5	18.1	17.7 - 18.3	2370	2340 - 2410
X790P	MG 2 Early	Y	27.0	24.5 - 28.2	48.8	48.1 - 49.7	18.0	17.5 - 18.5	5.8	5.7 - 5.9	5.0	4.7 - 5.2	11.1	10.8 - 11.4	17.0	16.9 - 17.2	2240	1990 - 2510

## Footnotes to Tables:

<sup>1</sup>% of dry matter basis. To convert from composition on a dry matter basis to composition at 13% moisture, multiply the value by 0.87.

<sup>2</sup>stachyose and raffinose

<sup>3</sup>includes all soluble sugars

<sup>4</sup>includes soluble and non-soluble sugars

<sup>5</sup>the sum of genistein, daidzein and glycitein aglycone equivalents

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

<sup>7</sup>maturity group for the test sites at which the variety was grown

<sup>8</sup>averaged across all test sites where the variety was grown

<sup>9</sup>minimum and maximum values across all of the test sites where the variety was grown