

Canadian Food-Grade Soybean Database - 2014 Crop Year

| Variety | Test Area ⁷ | Hilum Colour | Seed Size (g/100 seeds) | | Protein (% DM) ¹ | | Oil (% DM) | | Sucrose (% DM) | | Oligosaccharides 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 |
| AAC 26-15 | MG 2 Early | Y | 22.9 | 19.1 - 24.3 | 43.8 | 43.2 - 44.7 | 19.7 | 19.5 - 19.9 | 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 | 43.5 | 43.0 - 44.1 | 20.4 | 20.0 - 21.2 | 6.5 | 6.0 - 6.9 | 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 | 44.9 | 44.8 - 45.3 | 17.9 | 17.7 - 18.0 | 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 | 44.9 | 44.0 - 45.9 | 18.2 | 18.0 - 18.5 | 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 | 40.8 | 38.9 - 42.6 | 19.4 | 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 | 44.6 | 43.5 - 45.3 | 18.9 | 18.6 - 19.3 | 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 | 43.0 - 45.4 | 19.8 | 18.9 - 20.6 | 6.1 | 5.9 - 6.4 | 4.4 | 4.4 - 4.5 | 11.2 | 11.0 - 11.5 | 17.8 | 17.4 - 18.1 | 2060 | 1840 - 2240 |
| Acora | MG 1 | IY | 21.5 | 20.7 - 22.7 | 42.2 | 40.4 - 44.0 | 20.3 | 19.7 - 21.1 | 7.4 | 7.0 - 7.6 | 4.7 | 4.6 - 4.7 | 12.5 | 12.1 - 12.7 | 18.7 | 18.3 - 19.2 | 2320 | 1990 - 2520 |
| ADV Cadet | MG 1 | Y | 24.4 | 23.0 - 26.1 | 46.4 | 45.2 - 47.1 | 18.2 | 17.8 - 18.8 | 6.3 | 6.2 - 6.4 | 4.9 | 4.8 - 4.9 | 11.5 | 11.4 - 11.6 | 17.9 | 17.8 - 18.0 | 2430 | 2260 - 2720 |
| Amadeus | MG 0 | IY | 19.7 | 17.1 - 21.2 | 47.7 | 46.4 - 49.9 | 17.6 | 16.6 - 18.5 | 5.7 | 5.4 - 6.0 | 4.6 | 4.6 - 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 | 41.6 | 38.9 - 43.5 | 20.5 | 19.5 - 21.6 | 6.3 | 5.8 - 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 | 44.2 | 43.4 - 44.6 | 18.6 | 18.3 - 19.1 | 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 | 44.7 | 42.6 - 46.4 | 19.9 | 18.9 - 21.3 | 6.5 | 6.3 - 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 | 40.3 | 38.6 - 41.8 | 20.1 | 19.5 - 20.8 | 7.9 | 7.6 - 8.5 | 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 | 41.9 | 40.8 - 42.6 | 19.7 | 19.4 - 20.3 | 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 | 43.7 | 42.3 - 44.5 | 19.4 | 18.9 - 20.1 | 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 | 44.7 | 43.6 - 45.7 | 18.6 | 18.0 - 19.3 | 7.5 | 7.3 - 7.6 | 4.6 | 4.5 - 4.7 | 12.7 | 12.6 - 12.8 | 18.3 | 18.2 - 18.5 | 2050 | 1870 - 2180 |
| Candor | MG 2 Early | Y | 27.5 | 23.9 - 30.0 | 44.9 | 44.6 - 45.1 | 19.1 | 18.9 - 19.3 | 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 | 42.6 - 45.2 | 19.8 | 19.0 - 20.9 | 6.7 | 6.5 - 7.0 | 4.7 | 4.6 - 4.9 | 12.0 | 11.7 - 12.4 | 18.1 | 17.7 - 18.5 | 1640 | 1560 - 1680 |
| Chikala | MG 0 | Y | 10.4 | 9.5 - 11.7 | 40.9 | 38.6 - 43.2 | 19.8 | 18.8 - 21.1 | 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 | 39.8 | 38.0 - 41.3 | 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 | 43.8 | 42.3 - 45.8 | 19.8 | 19.1 - 20.4 | 6.4 | 6.1 - 6.6 | 4.5 | 4.5 - 4.6 | 11.6 | 11.3 - 11.8 | 18.2 | 17.8 - 18.5 | 2280 | 2000 - 2430 |
| DF 155 | MG 2 Early | Y | 24.6 | 21.6 - 26.4 | 45.1 | 44.2 - 45.7 | 19.1 | 18.8 - 19.5 | 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 | 44.7 | 44.0 - 46.2 | 19.7 | 19.0 - 20.3 | 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 | 45.6 | 45.0 - 46.4 | 19.1 | 18.7 - 19.3 | 6.1 | 6.0 - 6.2 | 4.9 | 4.9 - 5.0 | 11.5 | 11.4 - 11.7 | 17.5 | 17.4 - 17.6 | 1810 | 1770 - 1840 |
| DH4173 | MG 1 | Y | 21.0 | 20.2 - 21.4 | 41.5 | 39.9 - 43.2 | 20.3 | 19.8 - 21.0 | 7.7 | 7.4 - 8.0 | 4.5 | 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 | 40.7 | 40.1 - 41.0 | 20.6 | 20.2 - 21.0 | 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 | 41.5 | 40.7 - 42.7 | 20.4 | 20.1 - 20.8 | 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 | 41.4 | 40.5 - 42.8 | 20.5 | 19.7 - 21.0 | 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 | 42.5 | 41.3 - 43.7 | 20.3 | 19.7 - 21.0 | 6.5 | 6.3 - 6.5 | 4.6 | 4.5 - 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 | 37.3 | 35.9 - 39.2 | 21.5 | 21.1 - 22.1 | 8.1 | 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 | 46.8 | 45.0 - 48.6 | 18.0 | 17.2 - 18.8 | 5.8 | 5.7 - 5.9 | 4.6 | 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 | 43.3 | 41.4 - 44.2 | 20.3 | 19.6 - 21.4 | 6.3 | 6.3 - 6.3 | 4.7 | 4.7 - 4.8 | 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 | 44.3 | 43.3 - 45.8 | 19.2 | 18.5 - 20.4 | 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 | 43.7 | 42.8 - 44.4 | 19.9 | 19.5 - 20.4 | 7.0 | 7.0 - 7.1 | 4.2 | 4.1 - 4.2 | 11.8 | 11.8 - 11.8 | 17.9 | 17.9 - 18.1 | 2090 | 1820 - 2240 |
| Etna | MG 0 | IY | 22.7 | 20.8 - 24.5 | 41.5 | 40.2 - 42.5 | 20.6 | 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 | 43.0 | 41.6 - 44.4 | 19.8 | 19.0 - 20.8 | 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 ⁷ | Hilum Colour | Seed Size (g/100 seeds) | | Protein (% DM) ¹ | | Oil (% DM) | | Sucrose (% DM) | | Oligosaccharides 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 |
| Furio | MG 0 | IY | 25.9 | 23.2 - 27.7 | 44.4 | 43.8 - 45.3 | 19.2 | 18.6 - 20.1 | 7.5 | 7.3 - 7.8 | 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 | 43.6 | 42.6 - 44.5 | 20.0 | 19.4 - 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 | 45.0 | 43.8 - 46.1 | 18.9 | 18.3 - 20.0 | 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 | 43.0 - 46.3 | 19.1 | 18.4 - 20.1 | 6.6 | 6.3 - 6.8 | 4.5 | 4.4 - 4.5 | 11.6 | 11.3 - 11.9 | 18.1 | 17.7 - 18.4 | 1940 | 1670 - 2150 |
| Havane | MG 1 | Y | 22.7 | 22.1 - 23.8 | 42.1 | 40.5 - 43.7 | 20.0 | 19.4 - 20.9 | 7.8 | 7.5 - 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 | 43.1 | 41.4 - 44.9 | 18.9 | 18.4 - 19.7 | 7.6 | 7.1 - 7.9 | 4.7 | 4.6 - 4.7 | 12.8 | 12.3 - 13.0 | 19.0 | 18.4 - 19.4 | 2710 | 2320 - 2940 |
| HC 1912N | MG 2 Early | Y | 19.2 | 16.2 - 21.5 | 43.2 | 42.6 - 43.6 | 19.3 | 19.2 - 19.4 | 7.2 | 7.0 - 7.5 | 4.6 | 4.3 - 4.9 | 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 | 43.7 | 43.0 - 44.3 | 19.8 | 19.5 - 20.3 | 6.5 | 6.5 - 6.6 | 5.0 | 4.9 - 5.1 | 12.0 | 11.9 - 12.1 | 18.2 | 18.2 - 18.3 | 2350 | 2190 - 2440 |
| HDC 1600T | MG 2 Early | Y | 21.6 | 19.7 - 23.5 | 43.4 | 42.9 - 44.1 | 20.6 | 20.4 - 20.9 | 6.0 | 5.8 - 6.3 | 5.1 | 4.7 - 5.2 | 11.6 | 11.1 - 11.9 | 17.9 | 17.6 - 18.2 | 1940 | 1840 - 2030 |
| HDC Blake | MG 1 | Y | 27.0 | 25.3 - 28.1 | 43.3 | 42.3 - 44.2 | 19.2 | 18.7 - 19.8 | 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 | 43.3 | 42.7 - 43.8 | 19.7 | 19.4 - 19.9 | 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 | 44.1 | 43.6 - 44.6 | 18.8 | 18.4 - 19.2 | 7.2 | 7.1 - 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 | 44.7 | 44.1 - 45.3 | 19.2 | 18.8 - 19.6 | 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 | 44.0 | 42.5 - 45.7 | 19.4 | 18.4 - 20.7 | 7.5 | 7.4 - 7.6 | 4.1 | 4.1 - 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 | 43.2 | 41.5 - 44.4 | 19.2 | 18.5 - 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 | 42.5 - 44.1 | 19.8 | 19.3 - 20.3 | 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 | 43.5 | 41.3 - 45.3 | 19.9 | 19.1 - 21.1 | 7.0 | 6.7 - 7.2 | 4.7 | 4.6 - 4.8 | 12.1 | 12.0 - 12.3 | 18.2 | 17.8 - 18.6 | 2200 | 1810 - 2500 |
| Jari | MG 0 | IY | 20.6 | 18.9 - 22.2 | 47.1 | 46.1 - 48.7 | 18.4 | 17.7 - 18.9 | 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 | 43.6 - 45.5 | 19.3 | 18.8 - 19.9 | 7.2 | 7.0 - 7.4 | 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 | 41.6 | 39.9 - 43.3 | 20.9 | 19.9 - 22.0 | 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 | 43.4 | 42.4 - 44.4 | 19.4 | 18.7 - 20.5 | 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 | 42.4 | 41.3 - 42.9 | 20.0 | 19.7 - 20.2 | 7.2 | 6.8 - 7.6 | 4.8 | 4.5 - 4.9 | 12.5 | 11.9 - 13.0 | 18.8 | 18.4 - 19.2 | 1980 | 1830 - 2170 |
| Mersea | MG 2 Late | Y | 22.1 | 20.8 - 23.3 | 42.3 | 41.4 - 43.3 | 20.5 | 20.0 - 21.1 | 6.8 | 6.5 - 7.2 | 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 | 46.6 | 45.2 - 48.6 | 17.8 | 17.1 - 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 | 42.6 | 41.3 - 44.2 | 19.2 | 18.6 - 19.8 | 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 | 43.5 | 41.3 - 45.7 | 20.1 | 19.2 - 21.3 | 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 | 42.0 | 40.5 - 43.0 | 20.2 | 19.7 - 21.2 | 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 | 40.1 - 42.6 | 20.0 | 19.6 - 20.6 | 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 | 42.9 | 41.3 - 44.4 | 19.2 | 18.3 - 20.5 | 7.2 | 7.1 - 7.4 | 4.5 | 4.3 - 4.7 | 12.2 | 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 | 42.9 | 42.1 - 43.8 | 19.7 | 19.6 - 20.0 | 7.5 | 7.3 - 7.8 | 4.6 | 4.3 - 4.9 | 12.8 | 12.2 - 13.0 | 18.6 | 18.4 - 18.9 | 2000 | 1680 - 2240 |
| OAC Brooke | MG 2 Late | Y | 23.6 | 21.5 - 25.0 | 42.8 | 42.2 - 43.5 | 20.2 | 19.8 - 20.7 | 7.2 | 6.8 - 7.5 | 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 | 40.0 | 39.0 - 41.0 | 20.3 | 20.0 - 20.7 | 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 | 43.3 - 45.1 | 19.5 | 18.9 - 20.3 | 6.1 | 6.0 - 6.1 | 4.5 | 4.4 - 4.6 | 11.2 | 11.2 - 11.3 | 17.9 | 17.8 - 18.1 | 1910 | 1850 - 1980 |
| OAC Drayton | MG 0 | LBR | 20.5 | 17.4 - 22.1 | 39.3 | 38.1 - 40.6 | 20.9 | 20.3 - 21.6 | 6.9 | 6.8 - 7.0 | 4.7 | 4.6 - 4.8 | 12.1 | 11.9 - 12.3 | 19.4 | 19.0 - 19.6 | 3420 | 3310 - 3510 |
| OAC Huron | MG 1 | Y | 25.0 | 24.2 - 25.6 | 43.4 | 42.4 - 45.2 | 19.6 | 18.7 - 20.1 | 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 | 42.9 | 42.5 - 43.2 | 20.9 | 20.6 - 21.1 | 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 | 43.6 | 42.8 - 44.2 | 21.2 | 21.0 - 21.6 | 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 | 40.1 | 38.5 - 42.2 | 20.5 | 19.4 - 21.7 | 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 | Test Area ⁷ | Hilum Colour | Seed Size (g/100 seeds) | | Protein (% DM) ¹ | | Oil (% DM) | | Sucrose (% DM) | | Oligosaccharides 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 Madoc | MG 0 | Y | 24.2 | 23.6 - 24.9 | 41.6 | 39.4 - 43.1 | 20.6 | 19.9 - 21.7 | 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 | 44.4 | 43.7 - 45.1 | 18.9 | 18.4 - 19.2 | 6.8 | 6.7 - 7.1 | 5.1 | 4.8 - 5.3 | 12.4 | 12.0 - 12.6 | 18.2 | 17.8 - 18.4 | 1850 | 1770 - 1880 |
| OAC Marvel | MG 2 Late | Y | 23.1 | 21.3 - 23.8 | 44.6 | 44.1 - 45.0 | 19.2 | 19.2 - 19.4 | 6.6 | 6.4 - 6.9 | 4.9 | 4.8 - 4.9 | 12.0 | 11.9 - 12.3 | 18.0 | 17.8 - 18.2 | 1870 | 1760 - 1980 |
| OAC Nation | MG 0 | IY | 23.0 | 21.4 - 24.2 | 44.1 | 42.7 - 45.6 | 18.7 | 17.9 - 19.7 | 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 | 43.7 | 41.1 - 45.8 | 19.4 | 18.6 - 20.6 | 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 | 42.1 | 40.2 - 43.9 | 19.7 | 18.7 - 21.1 | 7.2 | 6.9 - 7.4 | 4.7 | 4.6 - 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 | 43.0 | 42.2 - 43.4 | 19.6 | 19.2 - 19.7 | 8.1 | 7.9 - 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 | 43.1 | 42.8 - 43.6 | 20.1 | 19.8 - 20.5 | 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 | 38.6 | 37.7 - 40.0 | 21.1 | 20.3 - 21.6 | 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 | 46.3 | 45.5 - 47.4 | 18.6 | 18.0 - 19.2 | 6.4 | 6.0 - 6.8 | 4.7 | 4.6 - 4.8 | 11.6 | 11.4 - 12.0 | 17.6 | 17.2 - 18.0 | 1610 | 1540 - 1760 |
| PRO 275 | MG 0 | IY | 22.7 | 20.4 - 24.5 | 41.4 | 40.7 - 42.7 | 19.7 | 19.2 - 20.2 | 7.7 | 7.5 - 7.9 | 4.3 | 4.3 - 4.4 | 12.7 | 12.6 - 12.9 | 19.2 | 19.0 - 19.3 | 2450 | 2390 - 2490 |
| S03-W4 | MG 0 | IY | 22.0 | 20.4 - 24.1 | 43.3 | 42.1 - 44.5 | 20.3 | 19.7 - 21.1 | 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 | 42.0 | 40.6 - 43.6 | 20.1 | 19.4 - 21.1 | 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 | 45.6 | 44.5 - 47.2 | 17.9 | 17.0 - 18.5 | 6.6 | 6.5 - 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 | 43.8 | 42.2 - 45.6 | 18.9 | 18.0 - 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 | 42.3 | 40.4 - 43.6 | 19.8 | 19.2 - 20.7 | 8.0 | 7.9 - 8.1 | 4.5 | 4.5 - 4.6 | 13.0 | 12.8 - 13.1 | 18.9 | 18.5 - 19.2 | 2870 | 2590 - 3090 |
| S14-L9 | MG 1 | IY | 21.9 | 20.4 - 23.2 | 44.0 | 43.2 - 45.1 | 18.9 | 18.6 - 19.2 | 7.1 | 6.7 - 7.4 | 4.5 | 4.4 - 4.6 | 12.1 | 11.6 - 12.3 | 18.3 | 18.0 - 18.5 | 2640 | 2340 - 2860 |
| S18-R6 | MG 1 | Y | 22.1 | 21.2 - 22.7 | 41.0 | 39.8 - 41.7 | 19.6 | 19.3 - 20.2 | 7.8 | 7.7 - 7.8 | 4.9 | 4.9 - 5.0 | 13.1 | 13.0 - 13.2 | 19.3 | 19.2 - 19.5 | 2550 | 2320 - 2780 |
| S18-R6 | MG 2 Early | Y | 21.1 | 19.2 - 23.0 | 41.1 | 40.6 - 41.9 | 20.4 | 20.2 - 20.6 | 7.2 | 7.1 - 7.4 | 4.9 | 4.6 - 5.0 | 12.5 | 12.2 - 12.8 | 19.0 | 18.8 - 19.2 | 2170 | 1940 - 2310 |
| S20-G7 | MG 2 Early | Y | 24.2 | 21.1 - 27.0 | 44.7 | 44.4 - 45.0 | 19.5 | 19.4 - 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 | 42.7 | 42.4 - 43.2 | 19.8 | 19.6 - 20.0 | 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 | 41.8 | 40.6 - 43.3 | 19.8 | 18.7 - 21.1 | 8.0 | 7.7 - 8.2 | 4.3 | 4.3 - 4.4 | 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 | 42.9 | 42.5 - 43.7 | 19.7 | 19.6 - 19.7 | 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 | 44.7 | 43.2 - 45.6 | 19.8 | 19.3 - 20.7 | 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 | 46.5 | 45.3 - 47.8 | 18.6 | 17.9 - 19.5 | 6.1 | 6.0 - 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 - 43.5 | 19.1 | 18.5 - 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 | 43.1 | 42.6 - 43.4 | 19.3 | 19.0 - 19.6 | 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 | 43.2 | 41.8 - 45.0 | 20.1 | 19.4 - 20.9 | 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 | 48.2 | 47.9 - 48.5 | 17.6 | 17.4 - 17.8 | 5.8 | 5.7 - 5.9 | 5.0 | 4.8 - 5.2 | 11.2 | 10.8 - 11.4 | 17.0 | 16.9 - 17.2 | 2240 | 1990 - 2510 |

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)

⁷maturity group 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