

Dr. Duke's Phytochemical and Ethnobotanical Database

List of Plants for SFA

Plant	Part	Low PPM	High PPM	StdDev	Reference
Abelmoschus esculentus	Fruit	260	2600	-0.32206148620495856	USDA's Ag Handbook 8 and sequelae)
Acrocomia totai	Fruit	55880	55880	0.8472808383141159	--
Allium cepa	Bulb	260	2520		USDA's Ag Handbook 8 and sequelae)
Allium schoenoprasum	Leaf	1460	15615	0.06125212076712582	USDA's Ag Handbook 8 and sequelae)
Anacardium occidentale	Seed	52325	93154	0.336864676172411	--
Ananas comosus	Fruit	320	2370	-0.3271093228160582	USDA's Ag Handbook 8 and sequelae)
Annona muricata	Seed	62000	62000	0.030755145100760717	--
Apium graveolens	Pt	370	6900		USDA's Ag Handbook 8 and sequelae)
Arachis hypogaea	Seed	68230	81740	0.22471425607701986	USDA's Ag Handbook 8 and sequelae)
Arecastrum romanzoffianum	Seed	355000	355000	2.909682172255975	Wealth of India.
Artocarpus altilis	Seed	15090	34505	-0.23940218804474309	USDA's Ag Handbook 8 and sequelae)
Asparagus officinalis	Shoot	500	6452	-1.414213562373095	--
Benincasa hispida	Fruit	160	4100	-0.28914081265430897	--
Bertholletia excelsa	Seed	161540	167130	1.0637298835472715	USDA's Ag Handbook 8 and sequelae)
Beta vulgaris	Root	220	1735	-0.4567016981643995	USDA's Ag Handbook 8 and sequelae)
Borago officinalis	Seed	21710	63960	0.05001349654521198	J. Pharm. Belg. 43:359-363. 1988.
Brassica napus var. napobrassica	Root	270	2700	-0.09208914356037574	USDA's Ag Handbook 8 and sequelae)
Brassica oleracea	Stem	130	1445		--

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Brassica oleracea var. botrytis l.	Flower	270	3490	-0.423152594485768	--
Brassica oleracea var. sabellica l.	Leaf	910	5855	-0.38938391558524194	--
Brassica rapa	Root	110	1350	-0.6021688831618597	--
Cajanus cajan	Seed	3300	3690	-0.5421808103716643	--
Carica papaya	Fruit	430	3850	-0.2946275915794172	USDA's Ag Handbook 8 and sequelae)
Carum carvi	Seed	6200	6880	-0.5108368608268686	Revised USDA data received 1993.
Catalpa bignonioides	Seed	1935	14520	-0.4357685929515586	--
Cicer arietinum	Seed	6260	7075	-0.508920851371936	USDA's Ag Handbook 8 and sequelae)
Cichorium endivia	Leaf	480	7729	-0.3028581028675844	--
Cichorium intybus	Leaf	240	4380	-0.45748721001349424	USDA's Ag Handbook 8 and sequelae)
Cichorium intybus	Root	480	2400	-0.20544019680514997	USDA's Ag Handbook 8 and sequelae)
Cocos nucifera	Seed	296980	560235	4.92625755934881	USDA's Ag Handbook 8 and sequelae)
Colocasia esculenta	Leaf	1510	10530	-0.17353110104145922	--
Colocasia esculenta	Root	410	1400	-0.5832770409543974	--
Corchorus olitorius	Leaf	380	3090	-0.5170487353100675	--
Cucumis sativus	Fruit	330	8354	-0.19577778246466662	--
Cucurbita foetidissima	Seed	60600	60600	0.016999179783295532	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Cucurbita pepo	Flower	360	7425	1.3802107188371535	USDA's Ag Handbook 8 and sequelae)
Cucurbita pepo	Fruit	520	6190	-0.2432713408404038	USDA's Ag Handbook 8 and sequelae)

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Cucurbita pepo	Seed	86740	93180	0.3371201440997354	USDA's Ag Handbook 8 and sequelae)
Cucurbita spp	Fruit	440	6960	-0.22637206175107033	--
Cynara cardunculus	Flower	350	2325	-0.9570581243513852	USDA's Ag Handbook 8 and sequelae)
Daucus carota	Root	300	2455	-0.18465917037694135	--
Dioscorea pentaphylla	Root	220	1185	-0.6645119624464855	--
Elaeis oleifera	Fruit	140000	241500	4.921104454628504	--
Elettaria cardamomum	Fruit	6800	7390	-0.2169348019998841	Revised USDA data received 1993.
Ficus carica	Fruit	600	2872	-0.3160918707344408	USDA's Ag Handbook 8 and sequelae)
Fragaria spp	Fruit	200	2372	-0.3270654285846573	USDA's Ag Handbook 8 and sequelae)
Ginkgo biloba	Seed	3190	7120	-0.5084786953438746	USDA's Ag Handbook 8 and sequelae)
Glycine max	Seed	14850	32670	-0.25743232830013496	--
Helianthus annuus	Seed	51950	54900	-0.03900725043781273	--
Ipomoea batatas	Root	640	2356	-0.22206501794771685	--
Juglans nigra	Seed	36280	37935	-0.20570007301695337	USDA's Ag Handbook 8 and sequelae)
Juglans regia	Seed	55860	57975	-0.008793255186951695	USDA's Ag Handbook 8 and sequelae)
Lactuca sativa	Leaf	390	6500	-0.35960315293695533	--
Lens culinaris	Seed	1350	1520	-0.5635025566137354	USDA's Ag Handbook 8 and sequelae)
Lens culinaris	Sprout Seedling	570	1900	-1.2261401082251409	USDA's Ag Handbook 8 and sequelae)
Lepidium sativum	Leaf	230	2170	-0.5595267223432824	--

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Ligustrum japonicum	Seed	29055	29055	-0.2929521958877326	--
Luffa aegyptiaca	Fruit	160	3200	-0.3088932167846987	--
Lupinus albus	Seed	11560	12895	-0.4517353384093307	--
Macadamia spp	Seed	110370	113525	0.537023797231042	USDA's Ag Handbook 8 and sequelae)
Malus domestica	Fruit	580	3610	-0.29989489934752117	USDA's Ag Handbook 8 and sequelae)
Mangifera indica	Fruit	660	3608	-0.299938793578922	--
Manihot esculenta	Root	1030	3270	0.12327785760469526	--
Mentha spicata	Leaf	1910	13220	-0.04932916069434147	USDA's Ag Handbook 8 and sequelae)
Mentha x piperita	Leaf	2460	11520	-0.127821093255717	USDA's Ag Handbook 8 and sequelae)
Musa x paradisiaca	Fruit	1850	7187	-0.22139006648707202	USDA's Ag Handbook 8 and sequelae)
Nelumbo nucifera	Seed	880	2667	-0.5522324907429264	--
Passiflora edulis	Seed	20470	20470	-0.37730574035233155	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Pastinaca sativa	Root	500	2445	-0.18843753881843384	--
Persea americana	Fruit	24370	94700	1.699267869804928	--
Phaseolus lunatus	Seed	1620	6653	-0.5130672923462005	--
Phaseolus vulgaris	Fruit	260	2672	-0.3204812938745274	USDA's Ag Handbook 8 and sequelae)
Phaseolus vulgaris	Seed	3660	4113	-0.5380245437078873	USDA's Ag Handbook 8 and sequelae)
Phaseolus vulgaris	Sprout Seedling	720	7742	1.2233448497999149	USDA's Ag Handbook 8 and sequelae)
Pinus edulis	Seed	93770	99650	0.4006923552454495	USDA's Ag Handbook 8 and sequelae)

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pinus pinea	Seed	77970	83560	0.24259701098972458	USDA's Ag Handbook 8 and sequelae)
Pistacia vera	Seed	61270	63737	0.04782236778393002	--
Pisum sativum	Fruit	390	3857	-0.2944739617695142	--
Pisum sativum	Seed	710	3350	-0.5455215448059059	--
Prunus armeniaca	Fruit	270	1980	-0.3356686979392271	USDA's Ag Handbook 8 and sequelae)
Prunus domestica	Fruit	490	3310	-0.3064790340576511	USDA's Ag Handbook 8 and sequelae)
Prunus dulcis	Seed	49490	51765	-0.06981078705942227	USDA's Ag Handbook 8 and sequelae)
Prunus persica	Fruit	100	810	-0.3613468233087338	--
Psidium cattleianum	Fruit	1720	8900	-0.18379465729223016	--
Psidium guajava	Fruit	1720	12375	-0.10752843023322521	USDA's Ag Handbook 8 and sequelae)
Psophocarpus tetragonolobus	Leaf	2720	11750	-0.11720159649741325	--
Psophocarpus tetragonolobus	Seed	2380	25125	-0.3315671556717598	--
Psophocarpus tetragonolobus	Tuber	2220	5211	1	--
Pyrus communis	Fruit	220	1359	-0.349297856789196	--
Rosmarinus officinalis	Leaf	28380	88055	3.405931882382446	USDA's Ag Handbook 8 and sequelae)
Rubus idaeus	Fruit	190	1420	-0.3479590827314696	Revised USDA data received 1993.
Secale cereale	Seed	2870	3225	-0.5467497559949652	USDA's Ag Handbook 8 and sequelae)
Solanum melongena	Fruit	200	2478	-0.3247390343204114	--
Solanum tuberosum	Tuber	260	1235	-1	USDA's Ag Handbook 8 and sequelae)

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tamarindus indica	Fruit	2720	3965	-0.29210367327386744	USDA's Ag Handbook 8 and sequelae)
Tetragonia tetragonioides	Leaf	320	5335	-0.4133932126040156	--
Urtica dioica	Seed	10850	14070	-0.4401901532321724	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vicia faba	Seed	1380	7265	-0.5070539703645657	USDA's Ag Handbook 8 and sequelae)
Vigna aconitifolia	Seed	3640	4030	-0.5388400759374228	--
Vigna radiata	Seed	3480	3826	-0.5408445165979677	USDA's Ag Handbook 8 and sequelae)
Vigna radiata	Sprout Seedling	460	4831	0.002795258425225189	USDA's Ag Handbook 8 and sequelae)
Vigna unguiculata	Fruit	1050	8642	-0.1894570131429419	USDA's Ag Handbook 8 and sequelae)
Vigna unguiculata	Seed	3390	3702	-0.5420629020975146	USDA's Ag Handbook 8 and sequelae)
Vigna unguiculata	Shoot	660	6458	0.7071067811865475	--
Vigna unguiculata	Seed	2100	6325	-0.5162901185062924	USDA's Ag Handbook 8 and sequelae)
Vigna unguiculata	Shoot	660	6458	0.7071067811865475	--
Vitis vinifera	Fruit	1890	9722	-0.16575412818647417	USDA's Ag Handbook 8 and sequelae)
Zingiber officinale	Rhizome	2030	11085		--
Zingiber officinale	Root	2030	11085	3.076072794631063	USDA's Ag Handbook 8 and sequelae)