

Dr. Duke's Phytochemical and Ethnobotanical Database

List of Plants for SULFUR

Plant	Part	Low PPM	High PPM	StdDev	Reference
Abelmoschus esculentus	Fruit	140	1400	-0.010141453327068681	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Allium ampeloprasum	Leaf	600	700	-0.9714371042032756	--
Allium cepa	Bulb	80	4075	-1	--
Allium sativum var. sativum	Bulb	2300	10570	1	LAWSON in Koch, H. P. and Lawson, L. D., eds. 1996. Garlic- The Science and therapeutic application of Allium sativum L. and related species. Williams & Wilkins, Baltimore. 329 pp.
Alocasia macrorrhiza	Root	119	400	-0.6859186774799687	--
Amorphophallus campanulatus	Root	118	530	-0.6475371031735823	--
Anacardium occidentale	Seed	4800	4800	1.2812471470152922	--
Ananas comosus	Fruit	70	200	-0.8453199626150852	--
Anethum graveolens	Plant	1400	11175	3.111094705278092	ACTA AGRIC SCAND SUPPL 22: 1980
Annona muricata	Fruit	210	2700	0.8946352650682826	--
Apium graveolens	Root	100	1000	-0.5087729499120315	ACTA AGRIC SCAND SUPPL 22: 1980
Arachis hypogaea	Seed	2100	2100	-0.24595858077137775	--
Armoracia rusticana	Root	1800	10000	2.1484129636070275	ACTA AGRIC SCAND SUPPL 22: 1980
Artemisia vulgaris	Plant	2300	2800	-0.4501644139144041	Chem. & Pharm. Bull. 38: 2205.
Artocarpus altilis	Fruit	120	530	-0.6156458725608807	--
Asimina triloba	Fruit	620	3333	1.3351919287177112	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Asparagus officinalis</i>	Shoot	56	864	-0.721231049722943	--
<i>Avena sativa</i>	Plant	800	4100	0.1026280463781624	Jim Duke's personal files.*
<i>Avena sativa</i>	Seed	1500	3100	0.31967317026072223	Jim Duke's personal files.*
<i>Averrhoa carambola</i>	Fruit	1000	1300	-0.07973966243440339	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Azadirachta indica</i>	Seed	1921	1921	-0.3472066642061236	--
<i>Beta vulgaris</i>	Root	130	2000	-0.21353007063213605	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Boehmeria nivea</i>	Plant	3000	3700	-0.06746194140416575	--
<i>Brassica napus</i> var. <i>napobrassica</i>	Root	350	5000	0.6721985672075504	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Leaf	1200	11800	1.6302603378370644	--
<i>Brassica oleracea</i> var. <i>capitata</i> l.	Leaf	385	8750	0.9153795091683222	--
<i>Brassica oleracea</i> var. <i>italica</i>	Leaf	1200	11800	1.6302603378370644	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Brassica pekinensis</i>	Shoot	1216	1365	-0.3064973270128203	--
<i>Brassica rapa</i>	Root	510	5100	0.70172285513554	--
<i>Camellia sinensis</i>	Leaf	880	880	-0.9292474159539728	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Capsicum annum</i>	Fruit	190	2440	0.7136799213892123	--
<i>Carica papaya</i>	Fruit	300	900	-0.35813249886374227	--
<i>Carya illinoensis</i>	Seed	800	800	-0.9812798571131076	--
<i>Carya ovata</i>	Seed	2180	2180	-0.20070804068880974	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cichorium endivia	Shoot	740	912	-0.6814960822776618	--
Cinnamomum aromaticum	Bark	1200	1200	-0.12803687993289598	--
Cinnamomum burmannii	Bark	1000	1000	-0.6401843996644798	--
Cinnamomum sieboldii	Bark	900	900	-0.8962581595302718	--
Cinnamomum sieboldii	Root Bark	800	800		--
Cinnamomum verum	Bark	1900	1900	1.6644794391276476	--
Citrus paradisi	Fruit	7	2090	0.4700861895135408	--
Citrus reticulata	Fruit	130	1000	-0.28853428975640755	ACTA AGRIC SCAND SUPPL 22: 1980
Citrus sinensis	Fruit	46	1000	-0.28853428975640755	--
Cocos nucifera	Seed	440	1370	-0.6588697590248107	--
Colocasia esculenta	Leaf	240	240	-1.0792551963959383	--
Colocasia esculenta	Root	85	565	-0.6372036023987859	--
Corylus avellana	Seed	1500	2070	-0.26292753330234075	--
Cucumis melo	Fruit	139	198	-0.846711926797232	--
Cucumis sativus	Fruit	140	5250	2.669389597305318	--
Cyrtosperma chamissonis	Root	26	195	-0.7464434677323473	--
Daucus carota	Root	52	1635	-0.32129372156929786	--
Dioscorea alata	Root	98	990	-0.5117253787048304	--
Fallopia japonica	Plant	2300	2600	-0.5352094078055681	Chem. & Pharm. Bull. 38: 2205.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Fragaria spp	Fruit	77	1270	-0.1006191251666038	ACTA AGRIC SCAND SUPPL 22: 1980
Genipa americana	Fruit	140	2000	0.4074478013169396	--
Genipa americana	Seed	1300	1300	-0.6984639815970577	--
Glechoma hederacea	Plant	3100	3400	-0.19502943224091188	Chem. & Pharm. Bull. 38: 2205.
Glycine max	Seed	4066	4066	0.8660734417577307	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Helianthus annuus	Seed	2574	4880	1.3264976870978602	--
Hibiscus sabdariffa	Seed	--	4000	0.8287417461896122	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Hordeum vulgare	Seed	200	200	-1.3206589077323676	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Ipomoea batatas	Root	130	610	-0.6239176728311907	--
Juglans cinerea	Seed	2870	2870	0.18957786752333922	--
Juglans nigra	Seed	2652	2652	0.06627014579834144	Furr, A.K., et al. 1979
Juglans regia	Seed	1040	1040	-0.8455282368654037	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Lactuca sativa	Shoot	29	3800	1.7092244590134251	--
Larrea tridentata	Plant	1600	1600	-0.9604343772613888	--
Lens culinaris	Seed	1220	1220	-0.7437145216796257	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Lepidium sativum	Seed	9000	9545	3.9651698056626064	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Linum usitatissimum	Seed	608	1147	0.9418680963960322	--
Lycopersicon esculentum	Fruit	107	2330	0.6371218913711442	--
Malus domestica	Fruit	1.65	23	-0.9685087927350676	--
Mangifera indica	Fruit	70	615	-0.5564873948196462	--
Mangifera indica	Seed	2300	2300	-0.13283223056495774	--
Manihot esculenta	Root	54	250	-0.730205109371953	--
Moringa oleifera	Fruit	1370	1370	-0.031020916059269096	--
Moringa oleifera	Leaf	1370	1370	-0.8143977090530928	--
Morus alba	Leaf	3000	5600	0.177059964805523	--
Murraya sp	Fruit	150	450	-0.6713244398467485	--
Musa x paradisiaca	Fruit	--	100	-0.91491817172242	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Oryza sativa	Plant	1000	1000	-1.215569358934881	--
Panax quinquefolius	Plant	1500	1500	-1.0029568742069708	--
Panicum maximum	Leaf	1800	1800	-0.7136112315686473	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Pastinaca sativa	Root	270	11050	2.4584179868509173	--
Petasites japonicus	Plant	6500	7300	1.4633479486367877	Chem. & Pharm. Bull. 38: 2205.
Petroselinum crispum	Plant	380	4700	0.35776302805165466	--
Peucedanum decursivum	Plant	3700	5200	0.5703755127795649	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Phaseolus vulgaris	Fruit	54	875	-0.3755320511405759	--
Phaseolus vulgaris	Seed	54	137	-1.35629370804739	--
Phoenix dactylifera	Fruit	510	590	-0.5738869470964798	--
Phyllanthus emblica	Fruit	166	820	-0.41381106614961	--
Physalis ixocarpa	Fruit	270	3250	1.2774254151586235	--
Physalis peruviana	Fruit	430	2515	0.7658785782197134	--
Pinus sylvestris	Leaf	--	--		--
Piper nigrum	Fruit	1750	5760	3.0243404637527247	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Pistacia vera	Seed	2870	2870	0.18957786752333922	--
Pisum sativum	Plant	2300	2300	-0.6627768986423143	--
Pisum sativum	Seed	410	2290	-0.13848854807527874	--
Polystichum polyblepharum	Plant	1700	2100	-0.7478218925334784	--
Portulaca oleracea	Plant	630	6300	1.0381229791809672	--
Prunus domestica	Fruit	4	400	-0.7061235444004158	--
Prunus dulcis	Seed	3420	3420	0.5006753305909942	--
Prunus persica	Fruit	3	700	-0.49732891707841165	--
Psidium guajava	Fruit	140	140	-0.8870788880794861	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Punica granatum	Fruit	120	120	-0.900998529900953	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pyrus communis	Fruit	3	300	-0.7757217535077505	--
Quercus rubra	Seed	1160	1160	-0.7776524267415517	--
Raphanus sativus	Root	350	6140	1.0087754495866312	--
Rheum rhabarbarum	Pt	62	1240		--
Rhizophora mangle	Leaf	7900	7900	0.7161504257688367	--
Ribes nigrum	Fruit	200	1385	-0.02058118469316889	ACTA AGRIC SCAND SUPPL 22: 1980
Ribes rubrum	Fruit	130	1782	0.2557237054629499	--
Ribes uva-crispa	Fruit	96	1113	-0.2098883134651193	--
Rosa canina	Fruit	400	1000	-0.28853428975640755	ACTA AGRIC SCAND SUPPL 22: 1980
Rubus chamaemorus	Fruit	190	1185	-0.15977760290783832	--
Secale cereale	Seed	1460	1640	-0.5061491862461437	USDA's Ag Handbook 8 and sequelae)
Solanum melongena	Fruit	126	152	-0.8787271029866058	--
Solanum tuberosum	Tuber	16	1900		--
Spinacia oleracea	Plant	270	5700	0.782987997507475	--
Spondias dulcis	Fruit	36	180	-0.8592396044365521	--
Spondias dulcis	Seed	900	900	-0.9247166820098977	--
Spondias tuberosa	Fruit	120	120	-0.900998529900953	--
Stellaria media	Plant	3828	3828	-0.013033145313820741	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

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Syzygium cumini	Fruit	130	800	-0.42773070797107693	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Syzygium jambos	Fruit	130	840	-0.39989142432814306	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Tamarindus indica	Leaf	630	630	-0.9878442051891155	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Taraxacum officinale	Plant	2600	3300	-0.2375519291864939	Chem. & Pharm. Bull. 38: 2205.
Tragopogon porrifolius	Root	250	250	-0.730205109371953	--
Trichosanthes anguina	Fruit	350	6480	3.5254475693255345	--
Trigonella foenum-graecum	Plant	1670	1670	-0.9306686293994814	--
Triticum aestivum	Plant	1300	2900	-0.40764191696882207	--
Triticum aestivum	Seed	1200	3200	0.3762363453639322	--
Urtica dioica	Leaf	1200	6665	0.4266822869472313	--
Vaccinium macrocarpon	Fruit	65	500	-0.6365253352930811	ACTA AGRIC SCAND SUPPL 22: 1980
Vaccinium myrtillus	Fruit	130	1075	-0.2363356329259065	ACTA AGRIC SCAND SUPPL 22: 1980
Vaccinium vitis-idaea	Fruit	130	1075	-0.2363356329259065	--
Vicia faba	Fruit	530	3630	1.5418986097664955	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vigna aconitifolia	Seed	1800	2018	-0.29234038435600995	--
Vigna mungo	Seed	1740	1953	-0.3291064481730964	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vigna radiata	Seed	1880	2378	-0.08871295398445395	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vitis vinifera	Fruit	7	888	-0.3664842839566224	--
Xanthosoma sagittifolium	Root	79	580	-0.6327749592095876	--
Zea mays	Fruit	6	1140	-0.19109679700613894	--