

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for SILICON

Plant	Part	Low PPM	High PPM	StdDev	Reference
Acacia nilotica	Plant				--
Acacia catechu	Plant				--
Achillea millefolium	Plant	1.0	4.5	-0.5190064670266766	--
Actaea racemosa	Root		2.7	-0.3305017922183633	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Agathosma betulina	Leaf		43.0	-0.28529562369022266	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Allium sativum var. sativum	Bulb				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Allium sativum var. sativum	Root				--
Allium cepa	Bulb	1.0	75.0		ACTA AGRIC SCAND SUPPL 22: 1980
Aloe vera	Leaf		2.2	-0.40664836341939714	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Aloe spp.	Leaf		2.2	-0.40664836341939714	--
Althaea officinalis	Root	0.3	3.0	-0.32912368458456387	--
Amorphophallus konjac	Root				--
Anacardium occidentale	Seed		1280.0	0.8544980394387577	--
Ananas comosus	Fruit	110.0	690.0	1.6333480894777093	--
Anethum graveolens	Plant	30.0	700.0	3.674360216691932	ACTA AGRIC SCAND SUPPL 22: 1980
Angelica sinensis	Root	0.8	3.4	-0.327286207739498	--
Apium graveolens	Root		2.0	-0.33371737669722845	ACTA AGRIC SCAND SUPPL 22: 1980
Apium graveolens	Fruit	1.0	4.5	-0.5938225414098025	--
Arctium lappa	Root	5.3	22.5	-0.23954668838760487	--
Arctostaphylos uva-ursi	Leaf	0.8	7.0	-0.3923715705100825	--
Armoracia rusticana	Root	0.4	2.0	-0.33371737669722845	--
Asparagus officinalis	Root				--
Astragalus membranaceus	Root	3.2	20.0	-0.2510309186692663	--
Avena sativa	Plant	4.0	18.3	-0.4358023545388019	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Barosma betulina	Leaf		43.0	-0.28529562369022266	--
Berberis vulgaris	Bark		2.3	-0.5383130457856886	--
Berberis vulgaris	Root		2.3	-0.33233926906342903	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Bertholletia excelsa	Seed		1770.0	1.6241085618050828	USDA's Ag Handbook 8 and sequelae)
Beta vulgaris	Root	1.0	83.0	0.038371684428601074	ACTA AGRIC SCAND SUPPL 22: 1980
Brassica oleracea var. capitata l.	Leaf	1.0	25.0	-0.33883359710015254	ACTA AGRIC SCAND SUPPL 22: 1980
Brassica oleracea var. botrytis l.	Leaf	1.0	90.0	-0.14550202645318341	--
Brassica oleracea var. italica	Leaf	1.0	90.0	-0.14550202645318341	ACTA AGRIC SCAND SUPPL 22: 1980
Brassica oleracea var. botrytis l.	Flower	2.0	125.0	2.1795902118292325	--
Brassica rapa	Root	120.0	1200.0	5.169525774274919	--
Brassica napus var. napobrassica	Root	1.0	30.0	-0.20509399754262064	ACTA AGRIC SCAND SUPPL 22: 1980
Bupleurum chinense	Root				--
Capsicum frutescens	Fruit				--
Capsicum annuum	Fruit				--
Carica papaya	Fruit	1.2	10.0	-0.5759531928031193	--
Carthamus tinctorius	Flower	0.7	4.7	-0.5588401013097406	--
Carya ovata	Shoot	172.0	2250.0	-1.0	--
Carya glabra	Shoot	100.0	4180.0	1.0	--
Carya ovata	Seed		1180.0	0.6974346675272628	--
Carya illinoensis	Seed		200.0	-0.8417863772053875	--
Caulophyllum thalictroides	Root	0.7	6.3	-0.31396450061277076	--
Centella asiatica	Leaf	1.5	14.0	-0.37155124751733193	--
Chamaemelum nobile	Flower		31.0	0.03983585243552122	--
Chondrus crispus	Plant		67.0	-0.14217624742579515	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Chrysanthemum parthenium	Leaf	0.8	4.6	-0.3995099669647397	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Chrysanthemum parthenium</i>	Plant		46.0	-0.2687912012116913	--
<i>Cichorium intybus</i>	Root				--
<i>Cimicifuga racemosa</i>	Root	0.6	2.7	-0.3305017922183633	--
<i>Citrus reticulata</i>	Fruit	3.0	23.0	-0.5337165506418682	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Citrus paradisi</i>	Fruit		2.0	-0.6019449725946585	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Citrus sinensis</i>	Fruit		2.0	-0.6019449725946585	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Cnicus benedictus</i>	Plant				--
<i>Cocos nucifera</i>	Seed		370.0	-0.5747786449558462	Furr, A.K., et al. 1979
<i>Corylus avellana</i>	Seed	100.0	900.0	0.25765722617507697	--
<i>Crataegus rhipidophylla</i>	Fruit				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Crataegus laevigata</i>	Fruit				--
<i>Cucumis sativus</i>	Fruit	10.0	1000.0	2.640529556399852	--
<i>Cucurbita pepo</i>	Seed				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Curcuma longa</i>	Plant	6.0	20.0	-0.425552572565658	--
<i>Cymbopogon citratus</i>	Plant		132.0	0.24972718095912153	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Cypripedium pubescens</i>	Root		222.0	0.6768948880889754	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Daucus carota</i>	Root	1.0	91.0	0.07512122132991758	--
<i>Dioscorea villosa</i>	Root				--
<i>Dioscorea sp.</i>	Root				--
<i>Echinacea purpurea</i>	Root	8.0	30.1	-0.20463462833135423	--
<i>Echinacea spp</i>	Root		8.0	-0.30615522402124107	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Eleutherococcus senticosus</i>	Root				--
<i>Elytrigia repens</i>	Plant		253.0	0.979270486106428	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ephedra sinica	Plant	0.7	3.1	-0.5274474639457364	--
Equisetum arvense	Plant	8.3	38.6	-0.3134078992124357	--
Eriodictyon californicum	Leaf	1.5	7.0	-0.3923715705100825	--
Eupatorium perfoliatum	Plant	0.2	2.0	-0.5340796758107118	--
Euphrasia officinalis	Plant	5.0	30.3	-0.3634509523754327	--
Foeniculum vulgare	Seed	0.1	0.4	-1.1552848675407315	--
Foeniculum vulgare	Fruit		4.2	-0.5947972331519853	--
Fragaria spp	Fruit	10.0	270.0	0.26877965042190327	ACTA AGRIC SCAND SUPPL 22: 1980
Frangula purshiana	Bark				--
Fucus vesiculosus	Plant	0.9	7.6	-0.5003156881344729	--
Gentiana lutea	Root				--
Ginkgo biloba	Leaf	0.5	2.0	-0.40724322979061855	--
Glycine max	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Glycyrrhiza glabra	Root	2.5	15.8	-0.2703244255424574	--
Gymnema sylvestre	Leaf	0.6	3.0	-0.4042688979345114	--
Harpagophytum procumbens	Root	0.8	4.3	-0.32315188483809987	--
Hibiscus sabdariffa	Flower	1.0	9.1	-0.45868138661471586	--
Hordeum vulgare	Stem		34.0	-0.8566927096630965	--
Humulus lupulus	Fruit		4.5	-0.5938225414098025	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Humulus lupulus	Flower	0.8	4.5	-0.5633927701595145	--
Hydrangea arborescens	Root	8.0	22.3	-0.24046542681013774	--
Hydrastis canadensis	Root	8.0	28.7	-0.21106579728908464	--
Inula helenium	Root				--
Juglans cinerea	Seed		1450.0	1.121505771688299	--
Juglans nigra	Pericarp	0.3	2.2		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Juglans nigra	Seed		1387.0	1.0225558473840572	Furr, A.K., et al. 1979
Juglans nigra	Fruit		22.0	-0.5369655231158106	--
Juniperus communis	Fruit	1.4	4.5	-0.5938225414098025	--
Lactuca sativa	Leaf	10.0	800.0	1.9662735913829417	--
Larrea tridentata	Plant	1.0	3.1	-0.5274474639457364	--
Lobelia inflata	Leaf	0.1	0.8	-0.4108124280179472	--
Lycopersicon esculentum	Fruit				--
Malus domestica	Fruit	0.0	70.0	-0.3810148443665756	--
Medicago sativa	Plant				--
Mentha x piperita	Leaf				--
Mentha pulegium	Plant		182.0	0.5511913566398267	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Musa x paradisiaca	Fruit	70.0	350.0	0.5286974483372949	ACTA AGRIC SCAND SUPPL 22: 1980
Myrica cerifera	Bark				--
Nepeta cataria	Plant				--
Panax ginseng	Root				--
Panax quinquefolius	Plant				--
Parthenium integrifolium	Root				--
Passiflora incarnata	Flower				--
Pastinaca sativa	Root	2.0	50.0	-0.11322015528932952	--
Petroselinum crispum	Leaf	60.0	1425.0	3.8252310014499527	ACTA AGRIC SCAND SUPPL 22: 1980
Petroselinum crispum	Plant	0.3	3.6	-0.5244328221889293	--
Phaseolus vulgaris	Fruit	80.0	1200.0	3.290324051188331	ACTA AGRIC SCAND SUPPL 22: 1980
Phoenix dactylifera	Fruit		660.0	1.5358789152594374	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Pistacia vera	Seed		1450.0	1.121505771688299	--
Pisum sativum	Seed	2.0	59.0	-1.0632457316005954	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Plantago major	Seed	3.0	8.2	-1.1430339245316348	--
Plantago psyllium	Seed				--
Polygonum multiflorum	Root				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Prunus persica	Bark				--
Prunus dulcis	Seed		960.0	0.35189524932197397	--
Prunus persica	Fruit	4.0	30.0	-0.5109737433242715	--
Prunus domestica	Fruit	2.0	62.0	-0.4070066241581148	ACTA AGRIC SCAND SUPPL 22: 1980
Pyrus communis	Fruit	2.0	20.0	-0.5434634680636954	--
Quercus alba	Bark	0.4	1.6	-0.5566586705203518	--
Quercus rubra	Stem	68.0	2442.0	1.4027991248043037	--
Quercus rubra	Seed		20.0	-1.1245004466460784	--
Raphanus sativus	Root	10.0	425.0	1.6094143869598818	--
Rheum rhabarbarum	Pt	3.0	200.0		--
Rhodymenia palmata	Plant		368.0	1.6726380901720497	--
Ribes uva-crispa	Fruit	1.0	42.0	-0.4719860736369627	--
Ribes rubrum	Fruit	10.0	312.0	0.4052364943274839	--
Ribes nigrum	Fruit	10.0	220.0	0.1063310267247835	ACTA AGRIC SCAND SUPPL 22: 1980
Rosa canina	Fruit				--
Rubus idaeus	Leaf	0.2	1.3	-0.40932526208989356	--
Rubus chamaemorus	Fruit	10.0	62.0	-0.4070066241581148	--
Rumex crispus	Root	0.3	1.3	-0.33693296117609356	--
Ruscus aculeatus	Root	7.0	22.4	-0.2400060575988713	--
Salix alba	Bark	0.5	2.9	-0.5225882245845488	--
Salvia officinalis	Leaf	0.5	3.1	-0.40397146474890056	--
Schisandra chinensis	Fruit	0.5	3.4	-0.5973964111311393	--
Scutellaria lateriflora	Plant	0.7	4.8	-0.5171976819725923	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Senna alexandrina</i>	Leaf	2.0	10.7	-0.3813665426424858	--
<i>Serenoa repens</i>	Fruit	1.0	7.8	-0.5831009322457926	--
<i>Silybum marianum</i>	Leaf				--
<i>Silybum marianum</i>	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Smilax officinalis</i>	Root	2.0	8.8	-0.30248027033110936	--
<i>Smilax</i> spp	Root	2.0	8.8	-0.30248027033110936	--
<i>Solanum tuberosum</i>	Tuber	1.0	10.0		ACTA AGRIC SCAND SUPPL 22: 1980
<i>Sorbus aucubaria</i>	Fruit	20.0	190.0	0.008861852506511827	--
<i>Spinacia oleracea</i>	Leaf	1.0	855.0	2.1298618434688388	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Spirulina</i> spp.	Plant				--
<i>Stachys officinalis</i>	Plant	1.3	8.0	-0.4979039747290272	--
<i>Stellaria media</i>	Plant	0.5	5.7	-0.5117713268103398	--
<i>Stevia rebaudiana</i>	Leaf		132.0	-0.02058008849668027	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Symphytum officinale</i>	Leaf	1.0	9.0	-0.38642290679786806	--
<i>Symphytum officinale</i>	Root		35.0	-0.18212553697929784	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Tabebuia heptaphylla</i>	Bark	1.5	8.4	-0.37844403024076645	--
<i>Tanacetum parthenium</i>	Plant		4.6	-0.5184035386753152	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Taraxacum officinale</i>	Root	0.7	4.7	-0.3213144079930342	--
<i>Thymus vulgaris</i>	Leaf	3.4	20.2	-0.35311039000946726	--
<i>Trifolium pratense</i>	Flower	0.2	1.2	-0.6385118061807831	--
<i>Trigonella foenum-graecum</i>	Seed	0.6	4.7	-1.1485311425485372	--
<i>Turnera diffusa</i>	Leaf	0.9	4.1	-0.4009971328927933	--
<i>Ulmus rubra</i>	Bark				--
<i>Urtica dioica</i>	Leaf	2.0	10.3	-0.38255627538492865	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vaccinium myrtillus	Fruit				--
Vaccinium macrocarpon	Fruit	0.5	4.0	-0.5954470276467737	--
Vaccinium vitis-idaea	Fruit	5.0	133.0	-0.17632957850820472	--
Valeriana officinalis	Root	0.1	0.9	-0.3387704380211594	--
Verbascum thapsus	Leaf	3.3	7.4	-0.391181837763965	--
Viburnum opulus	Bark		99.0	1.9960039711313557	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Viscum album	Leaf				--
Vitis vinifera	Fruit	1.0	28.0	-0.5174716882721563	ACTA AGRIC SCAND SUPPL 22: 1980
Vitis vinifera	Stem		365.0	-0.5461064151412073	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Yucca baccata	Root	0.3	1.2	-0.3373923303873601	--
Zea mays	Silk Stigma Style		237.0		--
Zingiber officinale	Rhizome		285.0		--
Zingiber officinale	Root	2.0	28.5	-0.2119845357116175	--