

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for SILICON

Plant	Part	Low PPM	High PPM	StdDev	Reference
Zingiber officinale	Rhizome		285.0		--
Zingiber officinale	Root	2.0	28.5	-0.2119845357116175	--
Zea mays	Silk Stigma Style		237.0		--
Yucca baccata	Root	0.3	1.2	-0.3373923303873601	--
Vitis vinifera	Stem		365.0	-0.5461064151412073	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Vitis vinifera	Fruit	1.0	28.0	-0.5174716882721563	ACTA AGRIC SCAND SUPPL 22: 1980
Viscum album	Leaf				--
Viburnum opulus	Bark		99.0	1.9960039711313557	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Verbascum thapsus	Leaf	3.3	7.4	-0.39118183776763965	--
Valeriana officinalis	Root	0.1	0.9	-0.3387704380211594	--
Vaccinium macrocarpon	Fruit	0.5	4.0	-0.5954470276467737	--
Vaccinium vitis-idaea	Fruit	5.0	133.0	-0.17632957850820472	--
Vaccinium myrtillus	Fruit				--
Urtica dioica	Leaf	2.0	10.3	-0.38255627538492865	--
Ulmus rubra	Bark				--
Turnera diffusa	Leaf	0.9	4.1	-0.4009971328927933	--
Trigonella foenum-graecum	Seed	0.6	4.7	-1.1485311425485372	--
Trifolium pratense	Flower	0.2	1.2	-0.6385118061807831	--
Thymus vulgaris	Leaf	3.4	20.2	-0.35311039000946726	--
Taraxacum officinale	Root	0.7	4.7	-0.3213144079930342	--
Tanacetum parthenium	Plant		4.6	-0.5184035386753152	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Tabebuia heptaphylla	Bark	1.5	8.4	-0.37844403024076645	--
Symphytum officinale	Leaf	1.0	9.0	-0.38642290679786806	--
Symphytum officinale	Root		35.0	-0.18212553697929784	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Stevia rebaudiana</i>	Leaf		132.0	-0.02058008849668027	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Stellaria media</i>	Plant	0.5	5.7	-0.5117713268103398	--
<i>Stachys officinalis</i>	Plant	1.3	8.0	-0.4979039747290272	--
<i>Spirulina</i> spp.	Plant				--
<i>Spinacia oleracea</i>	Leaf	1.0	855.0	2.1298618434688388	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Sorbus aucubaria</i>	Fruit	20.0	190.0	0.008861852506511827	--
<i>Solanum tuberosum</i>	Tuber	1.0	10.0		ACTA AGRIC SCAND SUPPL 22: 1980
<i>Smilax officinalis</i>	Root	2.0	8.8	-0.30248027033110936	--
<i>Smilax</i> spp	Root	2.0	8.8	-0.30248027033110936	--
<i>Silybum marianum</i>	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Silybum marianum</i>	Leaf				--
<i>Serenoa repens</i>	Fruit	1.0	7.8	-0.5831009322457926	--
<i>Senna alexandrina</i>	Leaf	2.0	10.7	-0.3813665426424858	--
<i>Scutellaria lateriflora</i>	Plant	0.7	4.8	-0.5171976819725923	--
<i>Schisandra chinensis</i>	Fruit	0.5	3.4	-0.5973964111311393	--
<i>Salvia officinalis</i>	Leaf	0.5	3.1	-0.40397146474890056	--
<i>Salix alba</i>	Bark	0.5	2.9	-0.5225882245845488	--
<i>Ruscus aculeatus</i>	Root	7.0	22.4	-0.2400060575988713	--
<i>Rumex crispus</i>	Root	0.3	1.3	-0.33693296117609356	--
<i>Rubus chamaemorus</i>	Fruit	10.0	62.0	-0.4070066241581148	--
<i>Rubus idaeus</i>	Leaf	0.2	1.3	-0.40932526208989356	--
<i>Rosa canina</i>	Fruit				--
<i>Ribes rubrum</i>	Fruit	10.0	312.0	0.4052364943274839	--
<i>Ribes nigrum</i>	Fruit	10.0	220.0	0.1063310267247835	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Ribes uva-crispa</i>	Fruit	1.0	42.0	-0.4719860736369627	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rhodymenia palmata	Plant		368.0	1.6726380901720497	--
Rheum rhabarbarum	Pt	3.0	200.0		--
Raphanus sativus	Root	10.0	425.0	1.6094143869598818	--
Quercus rubra	Stem	68.0	2442.0	1.4027991248043037	--
Quercus rubra	Seed		20.0	-1.1245004466460784	--
Quercus alba	Bark	0.4	1.6	-0.5566586705203518	--
Pyrus communis	Fruit	2.0	20.0	-0.5434634680636954	--
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
Prunus persica	Bark				--
Polygonum multiflorum	Root				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Plantago psyllium	Seed				--
Plantago major	Seed	3.0	8.2	-1.1430339245316348	--
Pisum sativum	Seed	2.0	59.0	-1.0632457316005954	--
Pistacia vera	Seed		1450.0	1.121505771688299	--
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.
Phaseolus vulgaris	Fruit	80.0	1200.0	3.290324051188331	ACTA AGRIC SCAND SUPPL 22: 1980
Petroselinum crispum	Leaf	60.0	1425.0	3.8252310014499527	ACTA AGRIC SCAND SUPPL 22: 1980
Petroselinum crispum	Plant	0.3	3.6	-0.5244328221889293	--
Pastinaca sativa	Root	2.0	50.0	-0.11322015528932952	--
Passiflora incarnata	Flower				--
Parthenium integrifolium	Root				--
Panax quinquefolius	Plant				--
Panax ginseng	Root				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Nepeta cataria	Plant				--
Myrica cerifera	Bark				--
Musa x paradisiaca	Fruit	70.0	350.0	0.5286974483372949	ACTA AGRIC SCAND SUPPL 22: 1980
Mentha x piperita	Leaf				--
Mentha pulegium	Plant		182.0	0.5511913566398267	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Medicago sativa	Plant				--
Malus domestica	Fruit	0.0	70.0	-0.3810148443665756	--
Lycopersicon esculentum	Fruit				--
Lobelia inflata	Leaf	0.1	0.8	-0.4108124280179472	--
Larrea tridentata	Plant	1.0	3.1	-0.5274474639457364	--
Lactuca sativa	Leaf	10.0	800.0	1.9662735913829417	--
Juniperus communis	Fruit	1.4	4.5	-0.5938225414098025	--
Juglans nigra	Seed		1387.0	1.0225558473840572	Furr, A.K., et al. 1979
Juglans nigra	Fruit		22.0	-0.5369655231158106	--
Juglans nigra	Pericarp	0.3	2.2		--
Juglans cinerea	Seed		1450.0	1.121505771688299	--
Inula helenium	Root				--
Hydrastis canadensis	Root	8.0	28.7	-0.21106579728908464	--
Hydrangea arborescens	Root	8.0	22.3	-0.24046542681013774	--
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	--
Hordeum vulgare	Stem		34.0	-0.8566927096630965	--
Hibiscus sabdariffa	Flower	1.0	9.1	-0.45868138661471586	--
Harpagophytum procumbens	Root	0.8	4.3	-0.32315188483809987	--
Gymnema sylvestre	Leaf	0.6	3.0	-0.4042688979345114	--
Glycyrrhiza glabra	Root	2.5	15.8	-0.2703244255424574	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Glycine max	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Ginkgo biloba	Leaf	0.5	2.0	-0.40724322979061855	--
Gentiana lutea	Root				--
Fucus vesiculosus	Plant	0.9	7.6	-0.5003156881344729	--
Frangula purshiana	Bark				--
Fragaria spp	Fruit	10.0	270.0	0.26877965042190327	ACTA AGRIC SCAND SUPPL 22: 1980
Foeniculum vulgare	Seed	0.1	0.4	-1.1552848675407315	--
Foeniculum vulgare	Fruit		4.2	-0.5947972331519853	--
Euphrasia officinalis	Plant	5.0	30.3	-0.3634509523754327	--
Eupatorium perfoliatum	Plant	0.2	2.0	-0.5340796758107118	--
Eriodictyon californicum	Leaf	1.5	7.0	-0.3923715705100825	--
Equisetum arvense	Plant	8.3	38.6	-0.3134078992124357	--
Ephedra sinica	Plant	0.7	3.1	-0.5274474639457364	--
Elytrigia repens	Plant		253.0	0.979270486106428	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Eleutherococcus senticosus	Root				--
Echinacea spp	Root		8.0	-0.30615522402124107	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Echinacea purpurea	Root	8.0	30.1	-0.20463462833135423	--
Dioscorea villosa	Root				--
Dioscorea sp.	Root				--
Daucus carota	Root	1.0	91.0	0.07512122132991758	--
Cypripedium pubescens	Root		222.0	0.6768948880889754	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Cymbopogon citratus	Plant		132.0	0.24972718095912153	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Curcuma longa	Plant	6.0	20.0	-0.425552572565658	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cucurbita pepo	Seed				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Cucumis sativus	Fruit	10.0	1000.0	2.640529556399852	--
Crataegus laevigata	Fruit				--
Crataegus rhipidophylla	Fruit				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Corylus avellana	Seed	100.0	900.0	0.25765722617507697	--
Cocos nucifera	Seed		370.0	-0.5747786449558462	Furr, A.K., et al. 1979
Cnicus benedictus	Plant				--
Citrus paradisi	Fruit		2.0	-0.6019449725946585	ACTA AGRIC SCAND SUPPL 22: 1980
Citrus sinensis	Fruit		2.0	-0.6019449725946585	ACTA AGRIC SCAND SUPPL 22: 1980
Citrus reticulata	Fruit	3.0	23.0	-0.5337165506418682	ACTA AGRIC SCAND SUPPL 22: 1980
Cimicifuga racemosa	Root	0.6	2.7	-0.3305017922183633	--
Cichorium intybus	Root				--
Chrysanthemum parthenium	Plant		46.0	-0.2687912012116913	--
Chrysanthemum parthenium	Leaf	0.8	4.6	-0.3995099669647397	--
Chondrus crispus	Plant		67.0	-0.14217624742579515	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Chamaemelum nobile	Flower		31.0	0.03983585243552122	--
Centella asiatica	Leaf	1.5	14.0	-0.37155124751733193	--
Caulophyllum thalictroides	Root	0.7	6.3	-0.31396450061277076	--
Carya ovata	Seed		1180.0	0.6974346675272628	--
Carya illinoensis	Seed		200.0	-0.8417863772053875	--
Carya ovata	Shoot	172.0	2250.0	-1.0	--
Carya glabra	Shoot	100.0	4180.0	1.0	--
Carthamus tinctorius	Flower	0.7	4.7	-0.5588401013097406	--
Carica papaya	Fruit	1.2	10.0	-0.5759531928031193	--
Capsicum frutescens	Fruit				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Capsicum annuum	Fruit				--
Bupleurum chinense	Root				--
Brassica oleracea var. botrytis l.	Leaf	1.0	90.0	-0.14550202645318341	--
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
Brassica oleracea var. capitata l.	Leaf	1.0	25.0	-0.33883359710015254	ACTA AGRIC SCAND SUPPL 22: 1980
Brassica oleracea var. italica	Leaf	1.0	90.0	-0.14550202645318341	ACTA AGRIC SCAND SUPPL 22: 1980
Beta vulgaris	Root	1.0	83.0	0.038371684428601074	ACTA AGRIC SCAND SUPPL 22: 1980
Bertholletia excelsa	Seed		1770.0	1.6241085618050828	USDA's Ag Handbook 8 and sequelae)
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.
Barosma betulina	Leaf		43.0	-0.28529562369022266	--
Avena sativa	Plant	4.0	18.3	-0.4358023545388019	--
Astragalus membranaceus	Root	3.2	20.0	-0.2510309186692663	--
Asparagus officinalis	Root				--
Armoracia rusticana	Root	0.4	2.0	-0.33371737669722845	--
Arctostaphylos uva-ursi	Leaf	0.8	7.0	-0.3923715705100825	--
Arctium lappa	Root	5.3	22.5	-0.23954668838760487	--
Apium graveolens	Root		2.0	-0.33371737669722845	ACTA AGRIC SCAND SUPPL 22: 1980
Apium graveolens	Fruit	1.0	4.5	-0.5938225414098025	--
Angelica sinensis	Root	0.8	3.4	-0.327286207739498	--
Anethum graveolens	Plant	30.0	700.0	3.674360216691932	ACTA AGRIC SCAND SUPPL 22: 1980
Ananas comosus	Fruit	110.0	690.0	1.6333480894777093	--
Anacardium occidentale	Seed		1280.0	0.8544980394387577	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Amorphophallus konjac	Root				--
Althaea officinalis	Root	0.3	3.0	-0.32912368458456387	--
Aloe spp.	Leaf		2.2	-0.40664836341939714	--
Aloe vera	Leaf		2.2	-0.40664836341939714	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Allium cepa	Bulb	1.0	75.0		ACTA AGRIC SCAND SUPPL 22: 1980
Allium sativum var. sativum	Root				--
Allium sativum var. sativum	Bulb				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.
Actaea racemosa	Root		2.7	-0.3305017922183633	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Achillea millefolium	Plant	1.0	4.5	-0.5190064670266766	--
Acacia nilotica	Plant				--
Acacia catechu	Plant				--