

# List of Plants



## Chemid

STRONTIUM

\*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Part	Low PPM	High PPM	StdDev	*Reference
Allium cepa	Bulb	57.0	162.0		*
Anacardium occidentale	Seed	--	4.2	-0.71	*
Artemisia vulgaris	Plant	28.0	50.0	-0.68	Chem. & Pharm. Bull. 38: 2205.
Asparagus officinalis	Shoot	19.0	200.0	-0.87	*
Bertholletia excelsa	Seed	--	77.0	1.7	Furr, A.K., et al. 1979
Beta vulgaris	Root	16.0	70.0	-1.0	*
Boehmeria nivea	Plant	90.0	118.0	-0.22	*
Brassica oleracea var. capitata l.	Leaf	3.0	870.0	1.03	*
Brassica pekinensis	Leaf	190.0	420.0	-0.44	*
Capsicum annuum	Fruit	2.0	12.0	-0.91	*
Carya ovata	Shoot	12.0	900.0	1.12	*
Carya glabra	Shoot	20.0	1100.0	1.69	*
Carya ovata	Seed	--	2.5	-0.76	*
Carya illinoensis	Seed	--	2.5	-0.76	*
Cichorium endivia	Shoot	140.0	240.0	-0.76	*
Cinnamomum verum	Bark	--	80.0	0.96	*
Cinnamomum aromaticum	Bark	--	50.0	-1.35	*
Cinnamomum sieboldii	Root Bark	--	70.0		*
Cinnamomum sieboldii	Bark	--	80.0	0.96	*
Cinnamomum burmannii	Bark	--	60.0	-0.58	*
Citrus paradisi	Fruit	3.3	220.0	2.58	*
Citrus sinensis	Fruit	0.054	110.0	0.73	*
Cocos nucifera	Seed	--	2.8	-0.75	Furr, A.K., et al. 1979
Corylus avellana	Seed	--	0.8	-0.82	Furr, A.K., et al. 1979
Cucumis sativus	Fruit	4.0	98.0	0.53	*
Cucumis melo	Fruit	2.6	16.5	-0.84	*
Daucus carota	Root	1.0	148.0	1.0	*
Diospyros virginiana	Leaf	7.0	1000.0	1.46	*
Diospyros virginiana	Stem	6.6	378.0	-0.21	*
Erythroxylum coca	Leaf	97.0	104.0	-1.48	*
Fallopia japonica	Plant	15.0	120.0	-0.21	Chem. & Pharm. Bull. 38: 2205.
Glechoma hederacea	Plant	51.0	110.0	-0.28	Chem. & Pharm. Bull. 38: 2205.

Glycine max	Seed	3.0	42.0	0.54	*
Inula helenium	Plant	--	--		*
Juglans nigra	Seed	--	7.1	-0.61	Furr, A.K., et al. 1979
Juglans cinerea	Seed	--	0.3	-0.83	*
Juniperus virginiana	Shoot	7.0	440.0	-0.19	*
Lactuca sativa	Shoot	2.0	580.0	0.21	*
Linum usitatissimum	Seed	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Liquidambar styraciflua	Leaf	8.0	246.0	-1.02	*
Liquidambar styraciflua	Stem	6.0	840.0	1.71	*
Lycopersicon esculentum	Fruit	--	140.0	1.24	*
Malus domestica	Fruit	0.165	8.6	-0.97	*
Nyssa sylvatica	Stem	10.0	880.0	1.88	*
Nyssa sylvatica	Leaf	7.0	910.0	1.17	*
Panax quinquefolius	Plant	--	--		*
Petasites japonicus	Plant	36.0	160.0	0.06	Chem. & Pharm. Bull. 38: 2205.
Petroselinum crispum	Plant	285.0	396.0	1.63	*
Peucedanum decursivum	Plant	100.0	130.0	-0.14	*
Phaseolus vulgaris	Fruit	2.0	105.0	0.65	*
Phaseolus lunatus	Seed	1.0	100.0	2.46	*
Phaseolus vulgaris	Seed	0.7	34.0	0.28	*
Pimenta dioica	Plant	--	20.0	-0.88	*
Pinus echinata	Shoot	3.0	84.0	-1.2	*
Pistacia vera	Seed	--	10.0	-0.51	*
Polystichum polyblepharum	Plant	20.0	60.0	-0.61	*
Prunus serotina	Leaf	8.0	480.0	-0.25	*
Prunus persica	Fruit	0.225	45.0	-0.36	*
Prunus dulcis	Seed	--	16.0	-0.32	*
Prunus serotina	Stem	0.5	378.0	-0.21	*
Prunus domestica	Fruit	0.33	51.0	-0.26	*
Pyrus communis	Fruit	0.45	18.5	-0.8	*
Quercus rubra	Stem	20.0	330.0	-0.41	*
Quercus alba	Plant	10.0	532.0	2.54	*
Quercus velutina	Stem	16.0	186.0	-1.01	*
Quercus rubra	Seed	--	1.3	-0.8	*
Quercus stellata	Stem	5.0	126.0	-1.26	*
Quercus phellos	Stem	14.0	126.0	-1.26	*
Rhus copallina	Leaf	13.0	288.0	-0.88	*
Rhus glabra	Stem	4.0	670.0	1.0	*
Rhus copallina	Stem	12.0	427.0	-0.01	*
Sassafras albidum	Leaf	2.0	680.0	0.41	*
Sassafras albidum	Stem	3.0	370.0	-0.25	*
Solanum tuberosum	Tuber	0.39	60.0		*
Solanum melongena	Fruit	2.0	5.6	-1.02	*

<i>Spinacia oleracea</i>	Plant	0.06	0.77	-1.01	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Symphoricarpos orbiculatus</i>	Stem	7.0	440.0	0.04	*
<i>Syzygium aromaticum</i>	Flower	30.0	60.0		*
<i>Syzygium aromaticum</i>	Fruit	30.0	60.0	-0.11	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Taraxacum officinale</i>	Plant	64.0	120.0	-0.21	Chem. & Pharm. Bull. 38: 2205.
<i>Vigna unguiculata</i>	Seed	2.0	60.0	1.14	*
<i>Vigna unguiculata</i>	Seed	2.0	60.0	1.14	*
<i>Vitis vinifera</i>	Fruit	1.54	38.5	-0.47	*
<i>Zea mays</i>	Seed	0.12	14.0	-0.38	*