

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for LEAD

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Nyssa sylvatica</i>	Leaf	0.2	182.0	3.418701439431955	--
<i>Zea mays</i>	Seed	0.0	14.0	3.374509206732274	--
<i>Malus domestica</i>	Fruit	0.002	64.0	3.294104898397132	--
<i>Lycopersicon esculentum</i>	Fruit	0.003	60.0	3.0575794820959543	--
<i>Taraxacum officinale</i>	Root	0.1	13.6	2.753393095717452	--
<i>Symphoricarpos orbiculatus</i>	Stem	2.0	176.0	2.2982664707042377	--
<i>Fucus vesiculosus</i>	Plant		91.0	2.2211663504989727	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Vigna unguiculata</i>	Seed	0.4	8.4	1.7415492539694504	--
<i>Vigna unguiculata</i>	Seed	0.4	8.4	1.7415492539694504	--
<i>Juniperus virginiana</i>	Shoot	0.7	132.0	1.5240820675707922	--
<i>Nyssa sylvatica</i>	Stem	0.1	132.0	1.3463414734248575	--
<i>Prunus serotina</i>	Leaf	0.3	67.0	0.8429866541748929	--
<i>Rhus copallina</i>	Leaf	0.2	67.0	0.8429866541748929	--
<i>Prunus serotina</i>	Stem	0.2	108.0	0.8271096567270139	--
<i>Carya glabra</i>	Shoot	2.0	103.0	0.7513831172289569	--
<i>Phaseolus lunatus</i>	Seed	0.4	5.0	0.7501092826491648	--
<i>Hypericum perforatum</i>	Root	4.0	5.0	0.5725881018723528	--
<i>Rhus copallina</i>	Stem	0.2	92.0	0.48095511226178467	--
<i>Phoenix dactylifera</i>	Seed	0.1	4.0	0.4585092910843749	Abstract (See species file)
<i>Vigna mungo</i>	Seed		3.832	0.4095204925014904	--
<i>Diospyros virginiana</i>	Stem	0.2	81.0	0.24297386294193962	--
<i>Prunus domestica</i>	Fruit	0.02	11.9	0.213361351074291	--
<i>Beta vulgaris</i>	Root	0.01	3.5	0.19221513782960292	--
<i>Quercus alba</i>	Stem	0.2	76.0	0.1348005677965555	--
<i>Phaseolus vulgaris</i>	Fruit	0.01	10.5	0.1305774553688786	--
<i>Diospyros virginiana</i>	Leaf	0.5	35.0	0.12626601827727563	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Sassafras albidum	Leaf	1.0	34.0	0.10386849840547507	--
Vitis vinifera	Fruit	0.02	9.0	0.04188042425593692	--
Citrus paradisi	Fruit	0.02	7.7	-0.03499033604194593	--
Liquidambar styraciflua	Leaf	0.4	25.0	-0.09770918044072979	--
Apium graveolens	Root	0.01	2.0	-0.18815782621314692	ACTA AGRIC SCAND SUPPL 22: 1980
Daucus carota	Root	0.01	2.0	-0.18815782621314692	--
Momordica charantia	Fruit		5.0	-0.19464499204524094	=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp:ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
Hypericum perforatum	Plant	2.0	12.0	-0.2052748805139635	--
Corylus avellana	Seed		1.7	-0.2121706895146417	Furr, A.K., et al. 1979
Triticum aestivum	Seed		1.653	-0.22587588911818676	--
Quercus stellata	Stem	0.7	59.0	-0.2329886356977505	--
Vigna radiata	Seed		1.57	-0.25007868841806435	--
Hypericum perforatum	Leaf	6.0	18.0	-0.2544918195433336	--
Liquidambar styraciflua	Stem	0.2	57.0	-0.2762579537559042	--
Prunus persica	Fruit	0.3	3.0	-0.31290770019582986	--
Sorbus aucubaria	Fruit	0.1	3.0	-0.31290770019582986	--
Pinus echinata	Shoot	1.7	63.0	-0.31440853841495364	--
Cucumis sativus	Fruit	0.002	2.8	-0.3247339710108887	--
Cucumis melo	Fruit	1.74	2.2	-0.36021278345606544	--
Capsicum annuum	Fruit	0.004	2.0	-0.3720390542711243	--
Vaccinium macrocarpon	Fruit	0.2	2.0	-0.3720390542711243	ACTA AGRIC SCAND SUPPL 22: 1980
Solanum melongena	Fruit	1.4	1.6	-0.39569159590124203	--
Phaseolus vulgaris	Seed	0.7	1.0	-0.41629068360999466	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Glycine max	Seed		1.0	-0.41629068360999466	--
Pyrus communis	Fruit	0.02	1.11	-0.42466595939813645	--
Citrus sinensis	Fruit	0.02	1.1	-0.42525727293888926	--
Rubus chamaemorus	Fruit	0.1	1.0	-0.4311704083464188	--
Taraxacum officinale	Leaf	0.8	10.0	-0.4336719785177379	--
Oryza sativa	Seed		0.9	-0.44545068276647354	--
Vaccinium myrtillus	Fruit	0.04	0.7	-0.44890981456900714	--
Petroselinum crispum	Plant	0.08	4.0	-0.45099044821147605	--
Ribes nigrum	Fruit	0.04	0.6	-0.4548229499765365	ACTA AGRIC SCAND SUPPL 22: 1980
Ribes rubrum	Fruit	0.02	0.5	-0.460736085384066	--
Rhodymenia palmata	Plant		3.5	-0.4663476711925706	--
Vaccinium vitis-idaea	Fruit	0.05	0.4	-0.46664922079159554	--
Rosa canina	Fruit	0.16	0.4	-0.46664922079159554	ACTA AGRIC SCAND SUPPL 22: 1980
Pistacia vera	Seed		0.8	-0.4746106819229524	--
Musa x paradisiaca	Fruit	0.02	0.2	-0.47847549160665437	USDA's Ag Handbook 8 and sequelae)
Cocos nucifera	Seed		0.7	-0.5037706810794316	Furr, A.K., et al. 1979
Lactuca sativa	Leaf	0.02	6.0	-0.5232620580049401	--
Urtica dioica	Leaf	1.0	6.0	-0.5232620580049401	ACTA AGRIC SCAND SUPPL 22: 1980
Brassica oleracea var. capitata l.	Leaf	0.002	5.8	-0.5277415619793002	--
Juglans nigra	Seed		0.6	-0.5329306802359105	Furr, A.K., et al. 1979
Pimenta dioica	Plant		0.8	-0.5492766752904812	--
Anethum graveolens	Plant	0.05	0.8	-0.5492766752904812	ACTA AGRIC SCAND SUPPL 22: 1980
Cichorium endivia	Leaf	4.0	4.8	-0.5501390818511008	--
Raphanus sativus	Root	0.01	0.57	-0.5507800519339017	--
Pisum sativum	Seed	0.0	0.5	-0.5620906793923894	--
Brassica pekinensis	Leaf	3.8	4.2	-0.563577593774181	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Spinacia oleracea	Leaf	0.03	3.0	-0.5904546176203417	ACTA AGRIC SCAND SUPPL 22: 1980
Carya ovata	Seed		0.4	-0.5912506785488685	--
Prunus dulcis	Seed	0.07	0.4	-0.5912506785488685	--
Brassica napus var. napobrassica	Root	0.01	0.3	-0.6192471854615967	ACTA AGRIC SCAND SUPPL 22: 1980
Juglans cinerea	Seed		0.3	-0.6204106777053475	--
Anacardium occidentale	Seed		0.3	-0.6204106777053475	--
Carya illinoensis	Seed		0.3	-0.6204106777053475	--
Brassica oleracea var. botrytis l.	Leaf	0.01	1.0	-0.6352496573639428	--
Brassica oleracea var. italica	Leaf	0.01	1.0	-0.6352496573639428	ACTA AGRIC SCAND SUPPL 22: 1980
Brassica rapa	Root	0.02	0.2	-0.6446053830644467	--
Armoracia rusticana	Root	0.02	0.15	-0.6572844818658716	ACTA AGRIC SCAND SUPPL 22: 1980
Pastinaca sativa	Root	0.01	0.1	-0.6699635806672968	--
Arachis hypogaea	Seed		0.07	-0.6874786757652491	--
Quercus rubra	Seed		0.01	-0.7049746752591366	--
Sassafras albidum	Stem	0.1	37.0	-0.7089511343374406	--
Carya ovata	Shoot	0.7	46.0	-0.7673699920636158	--
Quercus velutina	Stem	1.5	31.0	-0.8387590885119016	--
Quercus phellos	Stem	0.4	21.0	-1.0551056788026698	--
Rhus glabra	Stem	0.4	20.0	-1.0767403378317466	--
Quercus rubra	Stem	1.4	17.0	-1.141644314918977	--
Asparagus officinalis	Shoot	1.5	30.0	-1.1936866543211802	--
Rheum rhabarbarum	Pt	0.02	1.0		--
Solanum tuberosum	Tuber	0.01	4.2		--
Cinnamomum verum	Bark				--
Taraxacum officinale	Plant				--
Cinnamomum burmannii	Bark				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Polystichum polyblepharum</i>	Plant				--
<i>Petasites japonicus</i>	Plant				Chem. & Pharm. Bull. 38: 2205.
<i>Boehmeria nivea</i>	Plant				--
<i>Fallopia japonica</i>	Plant				Chem. & Pharm. Bull. 38: 2205.
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Flower				--
<i>Peucedanum decursivum</i>	Plant				--
<i>Crataegus laevigata</i>	Flower				--
<i>Crataegus laevigata</i>	Fruit				--
<i>Artemisia vulgaris</i>	Plant				Chem. & Pharm. Bull. 38: 2205.
<i>Glechoma hederacea</i>	Plant				Chem. & Pharm. Bull. 38: 2205.
<i>Allium cepa</i>	Bulb	0.01	1.4		--
<i>Chondrus crispus</i>	Plant				Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Linum usitatissimum</i>	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Cinnamomum sieboldii</i>	Bark		8.0		--
<i>Cinnamomum sieboldii</i>	Root Bark		9.0		--