

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for NICKEL

Plant	Part	Low PPM	High PPM	StdDev	Reference
Linum usitatissimum	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Carya ovata	Seed		9.8	0.9654786875912398	--
Juglans cinerea	Seed		4.3	-0.08651658480683809	--
Fagopyrum esculentum	Seed		1.0	-0.7177137482456848	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Sinapis alba	Seed		3.6	-0.22040689220295698	--
Sesamum indicum	Seed		1.2	-0.6794593747039365	--
Bertholletia excelsa	Seed		5.8	0.20039121675627405	Furr, A.K., et al. 1979
Foeniculum vulgare	Seed		1.0	-0.7177137482456848	--
Anacardium occidentale	Seed		5.0	0.04737372258928078	--
Syzygium aromaticum	Fruit		2.4	-0.04957166517347313	--
Vigna radiata	Seed		3.456	-0.24795004115301575	--
Trachyspermum ammi	Fruit		1.2	-0.4145164394567084	--
Momordica charantia	Fruit		10.0	2.26174523862035	=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
Cuminum cyminum	Fruit		3.6	0.31537310910976213	--
Pistacia vera	Seed		1.1	-0.6985865614748106	--
Oryza sativa	Seed		1.632	-0.5968299278537603	--
Cinnamomum verum	Bark		1.1		--
Cinnamomum verum	Leaf		4.2	-0.34807849536720104	--
Carum carvi	Fruit		7.0	1.349383302912262	--
Cinnamomum burmannii	Bark				--
Taraxacum officinale	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Coriandrum sativum	Fruit		2.4	-0.04957166517347313	--
Juglans nigra	Seed		4.8	0.009119349047532622	Furr, A.K., et al. 1979
Quercus rubra	Seed		0.4	-0.8324768688709296	--
Polystichum polyblepharum	Plant				--
Triticum aestivum	Seed		2.37	-0.45567128948470903	--
Petasites japonicus	Plant				Chem. & Pharm. Bull. 38: 2205.
Syzygium aromaticum	Flower		2.4	-0.9999999999999997	--
Boehmeria nivea	Plant				--
Fallopia japonica	Plant				Chem. & Pharm. Bull. 38: 2205.
Peucedanum decursivum	Plant				--
Lepidium sativum	Leaf		0.04	-0.4422807587307894	--
Cuminum cyminum	Seed		3.6	-0.22040689220295698	--
Artemisia vulgaris	Plant				Chem. & Pharm. Bull. 38: 2205.
Curcuma longa	Rhizome		3.8	-1.0	--
Glechoma hederacea	Plant				Chem. & Pharm. Bull. 38: 2205.
Inula helenium	Plant				--
Carya illinoensis	Seed		1.6	-0.6029506276204398	--
Vigna mungo	Seed		5.664	0.17437824274788538	--
Foeniculum vulgare	Fruit		1.0	-0.47534056850391404	--
Cocos nucifera	Seed		2.1	-0.5073146937660691	Furr, A.K., et al. 1979
Ribes nigrum	Fruit		0.101	-0.7487450285711046	ACTA AGRIC SCAND SUPPL 22: 1980
Simmondsia chinensis	Seed		4.0	-0.14389814511946067	--
Juniperus virginiana	Shoot	0.0	17.6	-0.19313446622823202	--
Rhus copallina	Leaf	0.0	6.7	-0.29146655824966	--
Rhus copallina	Stem	0.0	6.0	-0.44473652565776806	--
Nyssa sylvatica	Leaf	0.0	188.0	3.8140311215144167	--
Nyssa sylvatica	Stem	0.0	22.0	2.2522080031123695	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vigna unguiculata	Seed	0.0	6.0	0.2386455902980222	--
Rhus glabra	Stem	0.0	6.7	-0.3267452025240747	--
Phaseolus vulgaris	Fruit	0.0	15.0	3.782348464800497	--
Daucus carota	Root	0.0	2.0	-0.045516760058166544	--
Liquidambar styraciflua	Stem	0.0	18.0	1.577971870919835	--
Vigna unguiculata	Seed	0.0	6.0	0.2386455902980222	--
Quercus stellata	Stem	0.0	2.5	-1.0346931413262357	--
Prunus serotina	Leaf	0.0	6.7	-0.29146655824966	--
Prunus serotina	Stem	0.0	2.7	-1.000981334716609	--
Beta vulgaris	Root	0.0	2.5	0.23545089462187527	--
Ribes uva-crispa	Fruit	0.004	0.4	-0.6578129556455319	--
Malus domestica	Fruit	0.004	0.645	-0.5833033975627046	--
Musa x paradisiaca	Fruit	0.01	0.1	-0.7490491492163406	ACTA AGRIC SCAND SUPPL 22: 1980
Lycopersicon esculentum	Fruit	0.01	5.0	0.7411420124402034	--
Vitis vinifera	Fruit	0.01	0.77	-0.5452883169082009	--
Brassica rapa	Root	0.01	0.1	-1.1131938478423264	--
Raphanus sativus	Root	0.01	0.71	-0.7704133091326751	--
Citrus reticulata	Fruit	0.01	0.3	-0.6882250201691348	ACTA AGRIC SCAND SUPPL 22: 1980
Citrus sinensis	Fruit	0.01	0.55	-0.6121948588601274	--
Cucumis sativus	Fruit	0.01	1.25	-0.39931040719490674	--
Solanum tuberosum	Tuber	0.02	2.6		--
Brassica oleracea var. capitata l.	Leaf	0.02	8.7	-0.24617700855562716	--
Brassica napus var. napobrassica	Root	0.02	1.0	-0.6074520694182507	ACTA AGRIC SCAND SUPPL 22: 1980
Ribes rubrum	Fruit	0.03	0.6	-0.5969888265983259	--
Fragaria spp	Fruit	0.03	0.36	-0.669977781454973	ACTA AGRIC SCAND SUPPL 22: 1980
Brassica oleracea var. botrytis l.	Flower	0.03	12.0	1.0	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Allium cepa	Seed	0.03	4.0	-0.14389814511946067	--
Prunus domestica	Fruit	0.03	1.7	-0.26245611683869374	--
Apium graveolens	Root	0.04	0.9	-0.6636456003542591	ACTA AGRIC SCAND SUPPL 22: 1980
Pastinaca sativa	Root	0.04	1.6	-0.2702908838022001	--
Citrus paradisi	Fruit	0.04	7.7	1.5622677545774823	--
Capsicum annuum	Fruit	0.05	5.5	0.893202335058218	--
Spinacia oleracea	Plant	0.05	5.7	-0.37306200253035504	--
Vaccinium macrocarpon	Fruit	0.05	0.38	-0.6638953685502524	ACTA AGRIC SCAND SUPPL 22: 1980
Allium cepa	Bulb	0.05	2.5	0.9999999999999996	--
Sassafras albidum	Stem	0.08	1.8	-1.1526844644599292	--
Anethum graveolens	Plant	0.1	4.7	-0.9948320067476139	ACTA AGRIC SCAND SUPPL 22: 1980
Diospyros virginiana	Stem	0.1	8.0	-0.10761845956150089	--
Rheum rhabarbarum	Pt	0.1	4.0		--
Petroselinum crispum	Plant	0.1	8.5	1.3678940092779688	--
Pyrus communis	Fruit	0.1	1.11	-0.44188729752795103	--
Allium sativum var. sativum	Bulb	0.1	1.7	-0.9999999999999996	--
Sorbus aucubaria	Fruit	0.1	0.4	-0.6578129556455319	--
Quercus alba	Stem	0.1	5.3	-0.5627278487914614	--
Zea mays	Seed	0.12	6.3	0.2960271506106448	--
Prunus persica	Fruit	0.15	4.5	0.5890816898221887	--
Quercus rubra	Stem	0.16	9.9	0.21264370322995296	--
Quercus velutina	Stem	0.168	12.4	0.6340412858502872	--
Lactuca sativa	Leaf	0.18	28.0	0.19086714599178967	--
Pisum sativum	Seed	0.2	3.0	-0.3351700128282021	--
Rubus chamaemorus	Fruit	0.2	1.25	-0.39931040719490674	--
Armoracia rusticana	Root	0.2	1.2	-0.495065007546234	ACTA AGRIC SCAND SUPPL 22: 1980

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Symphoricarpos orbiculatus</i>	Stem	0.2	4.4	-0.7144309785347818	--
<i>Sassafras albidum</i>	Leaf	0.23	3.4	-0.3661943152448143	--
<i>Carya ovata</i>	Shoot	0.25	23.0	0.09982230838762565	--
<i>Pinus echinata</i>	Shoot	0.26	8.4	-0.6922460081663592	--
<i>Diospyros virginiana</i>	Leaf	0.3	16.0	-0.08087015217240737	--
<i>Taraxacum officinale</i>	Root	0.3	5.6	1.9774503536381358	--
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Leaf	0.3	7.0	-0.28467312579555515	--
<i>Phaseolus lunatus</i>	Seed	0.3	7.0	0.4299174580067636	--
<i>Liquidambar styraciflua</i>	Leaf	0.3	24.6	0.11387491151193403	--
<i>Urtica dioica</i>	Leaf	0.3	2.7	-0.3820456576377257	--
<i>Brassica oleracea</i> var. <i>italica</i>	Leaf	0.3	7.0	-0.28467312579555515	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Quercus phellos</i>	Stem	0.4	12.6	0.6677530924599132	--
<i>Taraxacum officinale</i>	Leaf	0.4	5.6	-0.3163758105813781	--
<i>Carya glabra</i>	Shoot	0.4	55.0	1.835862454259373	--
<i>Rosa canina</i>	Fruit	0.4	1.0	-0.47534056850391404	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Phaseolus vulgaris</i>	Seed	0.5	7.0	0.4299174580067636	--
<i>Solanum melongena</i>	Fruit	0.7	0.8	-0.53616469755112	--
<i>Piper nigrum</i>	Fruit	0.7	2.4	-0.04957166517347313	--
<i>Cucumis melo</i>	Fruit	0.87	1.1	-0.44492850398031125	--
<i>Asparagus officinalis</i>	Shoot	0.9	1.8	-1.0503042882524072	--
<i>Brassica rapa</i>	Seed	1.0	2.0	-0.5264418805369434	--
<i>Capsicum frutescens</i>	Fruit	1.0	1.5	-0.3232802458858994	--
<i>Glycine max</i>	Seed	1.0	30.0	4.829170415307817	--
<i>Prunus dulcis</i>	Seed	1.2	1.6	-0.6029506276204398	Furr, A.K., et al. 1979
<i>Corylus avellana</i>	Seed	1.6	2.0	-0.5264418805369434	--
<i>Brassica pekinensis</i>	Leaf	1.9	2.1	-0.39563252254593556	--
<i>Zingiber officinale</i>	Rhizome	2.0	5.2	1.0	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cichorium endivia	Leaf	2.0	2.4	-0.3888390900918307	--
Zingiber officinale	Root	2.0	5.2	1.752676229894103	--
Carum carvi	Seed	7.0	10.0	1.003733061132988	--