

List of Plants



Chemid

NITROGEN

*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
<i>Abies spectabilis</i>	Leaf	--	14400.0	-1.47	Wealth of India.
<i>Acacia farnesiana</i>	Leaf	12800.0	68800.0	1.25	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Acrocomia totai</i>	Seed	--	20200.0	-0.32	*
<i>Acrocomia totai</i>	Fruit	--	6700.0	-0.56	*
<i>Allium cepa</i>	Bulb	1700.0	17690.0		ACTA AGRIC SCAND SUPPL 22: 1980
<i>Amphicarpaea bracteata</i>	Shoot	--	26500.0	0.25	*
<i>Ananas comosus</i>	Fruit	450.0	1150.0	-0.94	*
<i>Anethum graveolens</i>	Plant	6800.0	55300.0	2.12	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Annona muricata</i>	Fruit	--	2700.0	-0.84	*
<i>Annona cherimola</i>	Fruit	--	2270.0	-0.87	*
<i>Annona squamosa</i>	Leaf	--	36000.0	-0.39	*
<i>Apium graveolens</i>	Root	2000.0	19090.0	-1.12	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Arachis hypogaea</i>	Seed	--	40000.0	1.32	*
<i>Armoracia rusticana</i>	Root	8600.0	38461.0	1.3	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Averrhoa carambola</i>	Fruit	10200.0	12800.0	-0.13	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Beta vulgaris</i>	Root	2600.0	35830.0	0.97	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Bixa orellana</i>	Seed	24000.0	25200.0	0.09	*
<i>Brassica oleracea</i> var. <i>capitata</i> L.	Leaf	2100.0	37500.0	-0.31	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Brassica oleracea</i> var. <i>botrytis</i> L.	Leaf	7000.0	71800.0	1.4	*
<i>Brassica oleracea</i> var. <i>botrytis</i> L.	Flower	3100.0	47500.0	1.0	*
<i>Brassica oleracea</i> var. <i>italica</i>	Leaf	7000.0	71800.0	1.4	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Brassica rapa</i>	Root	1800.0	18000.0	-1.26	*
<i>Brassica napus</i> var. <i>napobrassica</i>	Root	1500.0	25000.0	-0.38	ACTA AGRIC SCAND SUPPL 22: 1980

Bromelia pinguin	Shoot	1410.0	35800.0	1.08	*
Capsicum annuum	Fruit	1900.0	23330.0	0.61	ACTA AGRIC SCAND SUPPL 22: 1980
Citrus paradisi	Fruit	990.0	16360.0	0.12	ACTA AGRIC SCAND SUPPL 22: 1980
Citrus sinensis	Fruit	500.0	13845.0	-0.05	*
Citrus reticulata	Fruit	1600.0	13075.0	-0.11	ACTA AGRIC SCAND SUPPL 22: 1980
Cocos nucifera	Hull Husk	--	1100.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Coffea arabica	Seed	16000.0	23000.0	-0.09	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Corylus avellana	Seed	23000.0	28000.0	0.33	ACTA AGRIC SCAND SUPPL 22: 1980
Crocus sativus	Silk Stigma Style	22200.0	24300.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Cucumis sativus	Fruit	1400.0	80000.0	4.58	*
Cyphomandra betacea	Fruit	2230.0	4450.0	-0.71	*
Daucus carota	Root	1400.0	20000.0	-1.01	*
Eriobotrya japonica	Seed	--	26000.0	0.16	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Fragaria spp	Fruit	880.0	10000.0	-0.32	ACTA AGRIC SCAND SUPPL 22: 1980
Genipa americana	Seed	--	11100.0	-1.08	*
Genipa americana	Fruit	--	13900.0	-0.05	*
Hibiscus rosa-sinensis	Flower	640.0	6275.0	-1.0	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Hibiscus sabdariffa	Seed	--	32900.0	0.73	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Ilex paraguariensis	Leaf	--	30000.0	-0.69	*
Indigofera tinctoria	Leaf	--	51100.0	0.37	*
Lactuca sativa	Leaf	2200.0	54000.0	0.51	*
Lantana camara	Shoot	--	8800.0	-1.33	*
Lycopersicon esculentum	Fruit	1300.0	23330.0	0.61	*
Lycopersicon esculentum	Leaf	--	26000.0	-0.89	*
Maclura pomifera	Fruit	--	25600.0	0.77	Smith, J. L. and Perino, J. V. 1981. Osage Orange (Maclura pomifera): History and Economic Uses. Economic Botany 35(1): 24-41
Malus domestica	Fruit	280.0	4000.0	-0.74	ACTA AGRIC SCAND SUPPL 22: 1980
Malva neglecta	Plant	4100.0	4200.0	-0.91	*
Malva sylvestris	Leaf	--	3300.0	-2.02	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Malva parviflora	Plant	--	9400.0	-0.6	*
Melilotus alba	Plant	--	8300.0	-0.67	*
Melilotus indica	Plant	--	33600.0	0.84	*
Momordica charantia	Fruit	--	33800.0	1.34	=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
Musa x paradisiaca	Fruit	1600.0	15000.0	0.03	ACTA AGRIC SCAND SUPPL 22: 1980

<i>Nicotiana tabacum</i>	Leaf	20000.0	40000.0	-0.19	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Panax quinquefolius</i>	Plant	15000.0	20000.0	0.03	*
<i>Passiflora edulis</i>	Plant	960.0	1920.0	-1.05	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Pastinaca sativa</i>	Root	3000.0	33160.0	0.64	*
<i>Persea schiedeana</i>	Fruit	1910.0	8680.0	-0.42	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<i>Petroselinum crispum</i>	Leaf	4900.0	40700.0	-0.15	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Phaseolus vulgaris</i>	Fruit	3600.0	41000.0	1.85	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Phyllanthus emblica</i>	Fruit	1100.0	5445.0	-0.64	*
<i>Pisum sativum</i>	Seed	11000.0	50000.0	2.15	*
<i>Prunus dulcis</i>	Seed	3700.0	4315.0	-1.64	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Prunus domestica</i>	Fruit	960.0	10000.0	-0.32	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Prunus persica</i>	Fruit	1400.0	13075.0	-0.11	*
<i>Pterocarpus marsupium</i>	Leaf	--	25000.0	-0.94	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Pyrus communis</i>	Fruit	480.0	3000.0	-0.81	*
<i>Raphanus sativus</i>	Root	2000.0	38570.0	1.32	*
<i>Rauvolfia serpentina</i>	Seed	5500.0	16000.0	-0.67	*
<i>Rheum rhabarbarum</i>	Pt	1100.0	22000.0		*
<i>Ribes uva-crispa</i>	Fruit	1100.0	15000.0	0.03	*
<i>Ribes rubrum</i>	Fruit	1600.0	20000.0	0.38	*
<i>Ribes nigrum</i>	Fruit	1800.0	12775.0	-0.13	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Rosa canina</i>	Fruit	3600.0	9000.0	-0.39	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Rubus chamaemorus</i>	Fruit	2400.0	18125.0	0.25	*
<i>Senna obtusifolia</i>	Seed	22200.0	31300.0	0.6	*
<i>Solanum tuberosum</i>	Tuber	2200.0	17000.0		ACTA AGRIC SCAND SUPPL 22: 1980
<i>Solanum melongena</i>	Fruit	5400.0	10250.0	-0.31	*
<i>Sorbus aucubaria</i>	Fruit	2100.0	11900.0	-0.19	*
<i>Spinacia oleracea</i>	Leaf	3200.0	45700.0	0.1	ACTA AGRIC SCAND SUPPL 22: 1980
<i>Spondias dulcis</i>	Seed	--	6200.0	-1.48	*
<i>Spondias dulcis</i>	Fruit	16900.0	17900.0	0.23	*
<i>Spondias tuberosa</i>	Fruit	--	1100.0	-0.95	*
<i>Tephrosia candida</i>	Plant	--	23600.0	0.24	*
<i>Tephrosia purpurea</i>	Leaf	--	72500.0	1.44	*
<i>Theobroma cacao</i>	Seed	--	22800.0	-0.11	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Urtica dioica</i>	Leaf	10000.0	55555.0	0.59	*

Vaccinium macrocarpon	Fruit	650.0	5000.0	-0.67	ACTA AGRIC SCAND SUPPL 22: 1980
Vitis vinifera	Fruit	1100.0	7220.0	-0.52	ACTA AGRIC SCAND SUPPL 22: 1980
Zingiber officinale	Root	16000.0	24440.0	-0.45	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Zingiber officinale	Rhizome	16000.0	24440.0		*