

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for WATER

Plant	Part	Low PPM	High PPM	StdDev	Reference
Abelmoschus manihot	Leaf		884000.0	0.38097023554195547	--
Abelmoschus esculentus	Seed		98900.0	-0.49390282770605765	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Abelmoschus moschatus	Seed		114000.0	-0.43595782900284474	Wealth of India.
Abelmoschus esculentus	Fruit	880000.0	895000.0	0.5410083440065604	--
Abrus precatorius	Leaf		790000.0	-0.08799406702171589	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Acacia farnesiana	Leaf		814000.0	0.031741499590285306	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Acalypha indica	Leaf		805000.0	-0.013159337889215141	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Achillea millefolium	Plant		823000.0	0.22291061491730124	--
Acrocomia totai	Fruit		43100.0	-3.1631325969462516	--
Acrocomia totai	Seed		31700.0	-0.7517772590210184	--
Actaea racemosa	Root		790000.0	0.13584730298158998	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Actinidia chinensis	Fruit	812000.0	837000.0	0.2888189149946306	--
Aegle marmelos	Fruit	549600.0	615000.0	-0.6764578650165498	--
Aesculus hippocastanum	Seed	30000.0	400000.0	0.661543470938804	--
Aframomum melegueta	Fruit		210000.0	-2.437435774496405	--
Aleurites moluccana	Seed		70000.0	-0.6048041828400215	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Allium ampeloprasum	Root		863000.0	0.6136511331039769	--
Allium sativum var. sativum	Leaf		864000.0	0.2811905966986211	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Allium cepa	Leaf		922000.0	0.5705515493442906	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Allium ampeloprasum	Leaf	854000.0	894000.0	0.4308600549636226	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Allium sativum var. sativum	Flower		884000.0	0.46844769491404276	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Allium schoenoprasum	Leaf	906500.0	920000.0	0.5605735854599573	--
Allium cepa	Bulb	866000.0	918000.0	0.778867813617976	--
Allium ampeloprasum	Flower		831000.0	0.12305748225364066	--
Allium sativum var. sativum	Shoot		777000.0	-2.1655989517785237	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Allium sativum var. sativum	Bulb	585000.0	678000.0	-1.4116979121825834	--
Allium sativum var. sativum	Root		630000.0	-0.911393968519532	--
Alocasia macrorrhiza	Root	630000.0	870000.0	0.659467938732151	--
Aloe spp.	Leaf		995000.0	0.9347472311224609	--
Aloe vera	Plant		995000.0	0.9592516998257824	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Alpinia galanga	Rhizome		859000.0	0.7689347486732349	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Althaea officinalis	Root		892000.0	0.8034636135635553	--
Amaranthus spinosus	Leaf	837000.0	850000.0	0.2113448495082871	--
Amaranthus sp.	Leaf		916000.0	0.5406176576912903	--
Amorphophallus konjac	Leaf		974000.0	0.82997861033696	--
Amorphophallus campanulatus	Root	750000.0	894000.0	0.8165541294573193	--
Amphicarpaea bracteata	Seed		500000.0	1.0452851842051147	--
Anacardium occidentale	Resin, Exudate, Sap	79000.0	95000.0	-0.8914970367173853	--
Anacardium occidentale	Leaf		699000.0	-0.5419914237588871	--
Anacardium occidentale	Seed	27000.0	52000.0	-0.6738776912279574	--
Anacardium occidentale	Fruit	856000.0	879000.0	0.471438846348097	--
Ananas comosus	Fruit	812000.0	890000.0	0.5192678759882906	--
Anethum graveolens	Fruit	70310.0	83690.0	-2.9866434775739372	--
Anethum graveolens	Seed	70310.0	83690.0	-0.5522699422938635	USDA's Ag Handbook 8 and sequelae)

Plant	Part	Low PPM	High PPM	StdDev	Reference
Anethum graveolens	Plant	73000.0	830000.0	0.2528779846519487	--
Angelica sinensis	Root		780000.0	0.07039472351276986	--
Anisomeles indica	Seed		82000.0	-0.5587551772480641	Wealth of India.
Annona cherimola	Fruit	687000.0	771000.0	0.0018447371534684681	--
Annona reticulata	Fruit	683000.0	801000.0	0.13228754526308736	--
Annona glabra	Fruit		860000.0	0.3888250678786717	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Annona muricata	Fruit	811600.0	832000.0	0.26707844697636074	--
Annona cherimola	Seed		225000.0	-0.010004527277239833	--
Annona squamosa	Fruit	728000.0	775000.0	0.01923711156808432	--
Annona diversifolia	Fruit	715000.0	720000.0	-0.21990803663288366	--
Anogeissus latifolia	Leaf	123000.0	128000.0	-3.390700112736082	--
Anredera baselloides	Tuber		850000.0	0.6377384815445818	Wealth of India.
Anthriscus cerefolium	Leaf		72000.0	-3.6700831014974185	--
Apium graveolens	Seed	60400.0	790000.0	2.1581361526774154	--
Apium graveolens	Fruit		790000.0	0.08445851562289378	--
Apium graveolens	Root		890000.0	0.7903730976697912	ACTA AGRIC SCAND SUPPL 22: 1980
Apium graveolens	Pt	927000.0	947000.0	1.0	USDA's Ag Handbook 8 and sequelae)
Arachis hypogaea	Seed	56000.0	422000.0	0.7459666478573923	--
Arachis hypogaea	Plant	628000.0	842000.0	0.304250618482773	--
Arachis hypogaea	Leaf		785000.0	-0.11293897673254948	--
Aralia cordata	Leaf		953000.0	0.7252099895514589	--
Arctium lappa	Root		765000.0	-0.02778414569046033	--
Arctium lappa	Leaf		738000.0	-0.3474211280143851	Wealth of India.
Arctostaphylos uva-ursi	Leaf		884000.0	0.38097023554195547	--
Areca catechu	Sprout Seedling		864000.0	0.5266956633958348	--
Areca catechu	Seed	123000.0	313000.0	0.3276881803971136	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Armoracia rusticana	Root		820000.0	0.33220504138805035	--
Arracacia xanthorrhiza	Root		711000.0	-0.38122807482208904	--
Artemisia vulgaris	Leaf		873000.0	0.3260914341781216	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Artocarpus heterophyllus	Fruit	712740.0	772000.0	0.0061928307571224315	--
Artocarpus heterophyllus	Seed	516000.0	577000.0	1.3407663034201738	--
Artocarpus altilis	Seed		562700.0	1.2858912384230914	USDA's Ag Handbook 8 and sequelae)
Artocarpus heterophyllus	Latex Exudate	650000.0	750000.0	0.7071067811865475	--
Artocarpus altilis	Fruit	706000.0	891600.0	0.526224825754137	--
Asimina triloba	Fruit	695000.0	766000.0	-0.01989573086480135	--
Asparagus officinalis	Plant	914000.0	950000.0	0.7666043229601914	--
Asparagus officinalis	Root		900000.0	0.8558256771386106	--
Astragalus membranaceus	Root		840000.0	0.4631102003256906	--
Avena sativa	Plant		780000.0	0.038825343690180966	--
Avena sativa	Seed	48000.0	213000.0	-0.05605353286919712	Jim Duke's personal files.*
Averrhoa bilimbi	Fruit	942000.0	947000.0	0.7671092113965665	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Averrhoa carambola	Fruit	874000.0	923000.0	0.6627549649088714	--
Bacopa monnieri	Shoot		884000.0	0.13973591871908117	Wealth of India.
Bactris gasipaes	Fruit	364000.0	609000.0	-0.7025464266384736	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Bactris gasipaes	Seed		69000.0	-0.6086415999726845	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Basella alba	Leaf		931000.0	0.6154523868237911	--
Benincasa hispida	Fruit	958000.0	962000.0	0.832330615451376	--
Bertholletia excelsa	Seed	32860.0	38770.0	-0.7246467198930903	USDA's Ag Handbook 8 and sequelae)
Beta vulgaris	Root	865000.0	881340.0	0.733691163849793	USDA's Ag Handbook 8 and sequelae)

Plant	Part	Low PPM	High PPM	StdDev	Reference
Beta vulgaris	Leaf	864000.0	926000.0	0.5905074771129576	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Bixa orellana	Fruit		844000.0	0.3192555702202083	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Bixa orellana	Seed		114000.0	-0.43595782900284474	Wealth of India.
Blighia sapida	Seed	715000.0	798000.0	2.1888354897387203	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Blighia sapida	Aril	576000.0	692000.0	0.43881832192187564	--
Boehmeria nivea	Stem		105000.0	-1.9701027401281699	--
Boehmeria nivea	Leaf		870000.0	0.31112448835162143	--
Borago officinalis	Herb	0.0	930000.0	-1.412953309430929	USDA's Ag Handbook 8 and sequelae)
Brassica oleracea	Stem	910000.0	921000.0	0.6202998314873419	--
Brassica oleracea var. capitata l.	Leaf	891000.0	950000.0	0.7102430437249587	USDA's Ag Handbook 8 and sequelae)
Brassica nigra	Seed		76000.0	-0.5817796800440428	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Brassica juncea	Seed		62000.0	-0.6355035199013263	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Brassica rapa	Root	900000.0	921120.0	0.9940615249767587	--
Brassica oleracea var. sabellica l.	Leaf	839000.0	850000.0	0.2113448495082871	--
Brassica oleracea var. gemmifera	Leaf	846000.0	945500.0	0.6877926249852085	--
Brassica nigra	Leaf	930030.0	933900.0	0.6299204344560746	USDA's Ag Handbook 8 and sequelae)
Brassica juncea	Leaf		908000.0	0.5007058021539567	--
Brassica oleracea var. italica	Leaf	890000.0	910230.0	0.5118312318849885	USDA's Ag Handbook 8 and sequelae)
Brassica pekinensis	Leaf	947000.0	954000.0	0.7301989714936256	--
Brassica oleracea var. botrytis l.	Plant	894000.0	926000.0	0.6638590552985428	--
Brassica oleracea var. viridis l.	Leaf	932500.0	945500.0	0.6877926249852085	--
Brassica oleracea var. botrytis l.	Leaf	890000.0	910230.0	0.5118312318849885	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Brassica napus var. napobrassica	Root	891260.0	901940.0	0.8685234775555617	USDA's Ag Handbook 8 and sequelae)
Brassica chinensis	Leaf	950000.0	956400.0	0.7421725281548257	--
Brassica rapa	Leaf	950000.0	956400.0	0.7421725281548257	USDA's Ag Handbook 8 and sequelae)
Bromelia pinguin	Shoot	916000.0	925000.0	1.0230885326480699	--
Brosimum alicastrum	Fruit		840000.0	0.30186319580559245	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Bupleurum chinense	Root		890000.0	0.7903730976697912	--
Byrsonima crassifolia	Fruit	793000.0	832000.0	0.26707844697636074	--
Cajanus cajan	Seed	99000.0	695000.0	1.7935815250744205	--
Cajanus cajan	Fruit	644000.0	694000.0	-0.3329584703278867	--
Calathea macrosepala	Flower		923000.0	0.7226027570603756	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Calotropis sp.	Seed		74000.0	-0.589454514309369	--
Camellia sinensis	Leaf	40000.0	120000.0	-3.430611968273416	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Canarium indicum	Seed		37600.0	-0.7291364979383061	--
Canavalia ensiformis	Fruit	785000.0	886000.0	0.5018755015736748	--
Canavalia ensiformis	Seed	107000.0	120000.0	-0.41293332620686607	--
Canna indica	Root		668000.0	-0.6626741665380156	--
Cannabis sativa	Seed	87500.0	136000.0	-0.3515346520842564	--
Capparis spinosa	Leaf		696000.0	-0.5569583695853872	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Capparis spinosa	Flower	696000.0	795000.0	-0.11154719049682113	--
Capsella bursa-pastoris	Plant		882000.0	0.4754927312521872	--
Capsicum frutescens	Fruit	70000.0	889550.0	0.5173112338666463	--
Capsicum annuum	Fruit	742000.0	937000.0	0.7236282753600269	--
Carica papaya	Fruit		865000.0	0.41056553589694156	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Carica papaya	Latex Exudate		750000.0	0.7071067811865475	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Carica papaya	Leaf	697000.0	703000.0	-0.5220354959902203	--
Carica pentagona	Fruit	930000.0	932000.0	0.701887807341757	--
Carthamus tinctorius	Flower		860000.0	0.31204457974706823	--
Carthamus tinctorius	Seed	48000.0	50000.0	-0.6815525254932836	--
Carum carvi	Seed	91880.0	155000.0	-0.27862372656365736	--
Carya illinoensis	Seed	30000.0	50540.0	-0.6794803202416455	--
Carya glabra	Plant				--
Casimiroa edulis	Fruit	783000.0	820000.0	0.2149013237325132	--
Caulophyllum thalictroides	Root		890000.0	0.7903730976697912	--
Ceiba pentandra	Wood		98000.0		--
Cenchrus biflorus	Seed		98000.0	-0.49735650312545443	--
Centella asiatica	Leaf		893000.0	0.4258710730214559	--
Centella asiatica	Plant		893000.0	0.5225843122637761	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Ceratonia siliqua	Seed	88900.0	142100.0	-0.32812640757501144	--
Ceratonia siliqua	Fruit	37000.0	247000.0	-2.276556311161208	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Chamaemelum nobile	Flower		812000.0	-7.616505868808395E-4	--
Chenopodium album	Seed	88000.0	94000.0	-0.5127061716561069	--
Chenopodium album	Leaf		840300.0	0.16295172466926994	--
Chenopodium ambrosioides	Leaf		855000.0	0.23628975921912068	--
Chondrus crispus	Plant		834000.0	0.27000219592889013	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Chrysanthemum parthenium	Leaf		820000.0	0.0616753912432856	--
Chrysanthemum coronarium	Bud		925600.0	-1.0	--
Chrysanthemum parthenium	Plant		895000.0	0.5311464179022468	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Chrysanthemum coronarium	Leaf		935000.0	0.635408314592458	--
Chrysophyllum cainito	Fruit	784000.0	857000.0	0.37578078706770984	--
Cicer arietinum	Seed	108220.0	122380.0	-0.4038002734311279	USDA's Ag Handbook 8 and sequelae)
Cichorium intybus	Root	240000.0	800000.0	0.2012998824504101	--
Cichorium intybus	Leaf	931000.0	951000.0	0.7152320256671255	USDA's Ag Handbook 8 and sequelae)
Cichorium endivia	Leaf	934000.0	943800.0	0.6793113556835251	--
Cimicifuga racemosa	Root		790000.0	0.13584730298158998	--
Cinnamomum verum	Bark		107000.0	-2.016026635005471	Wealth of India.
Citrullus lanatus	Seed	71000.0	81000.0	-0.5625925943807273	--
Citrullus lanatus	Fruit	915100.0	957000.0	0.8105901474331062	--
Citrus reticulata	Fruit	879720.0	886000.0	0.5018755015736748	--
Citrus aurantium	Fruit	857000.0	892000.0	0.5279640631955985	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Citrus paradisi	Fruit	847000.0	930000.0	0.6931916201344491	--
Citrus limon	Fruit	850000.0	894000.0	0.5366602504029064	--
Citrus mitis	Fruit	870800.0	871200.0	0.4375237162395961	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Citrus sinensis	Fruit	839000.0	898000.0	0.5540526248175224	--
Citrus aurantiifolia	Fruit	877000.0	911000.0	0.6105778416650238	--
Citrus mitis	Fruit Juice		896000.0		Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Cnicus benedictus	Plant		867000.0	0.41127693896365686	--
Cnidioscolus chayamansa	Leaf	764000.0	811000.0	0.016774553763785158	--
Coccinia grandis	Fruit		931000.0	0.6975397137381031	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Cocos nucifera	Leaf		84500.0	-3.6077208272203345	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cocos nucifera	Hull Husk		80000.0	-1.0	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Cocos nucifera	Seed	363000.0	546000.0	1.2218063723076176	--
Coffea arabica	Seed	60000.0	100000.0	-0.4896816688601282	--
Coix lacryma-jobi	Seed	89000.0	113000.0	-0.43979524613550786	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cola acuminata	Seed	120000.0	629000.0	1.5403119943186554	--
Colocasia esculenta	Root	660530.0	754000.0	-0.09978198310616247	--
Colocasia esculenta	Leaf	810000.0	900000.0	0.46079394661662293	--
Commelina benghalensis	Leaf		862000.0	0.2712126328142877	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Corchorus olitorius	Leaf	804000.0	877200.0	0.3470451583352218	--
Coriandrum sativum	Leaf		73000.0	-3.6650941195552518	USDA's Ag Handbook 8 and sequelae)
Coriandrum sativum	Fruit	86000.0	112000.0	-2.8635489476544933	--
Corylus avellana	Seed	50000.0	74000.0	-0.589454514309369	--
Crataegus laevigata	Fruit		721000.0	-0.2155599430292297	--
Crataegus rhipidophylla	Fruit		721000.0	-0.2155599430292297	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Crescentia alata	Seed		34000.0	-0.7429511996158933	--
Crocus sativus	Silk Stigma Style	85000.0	156000.0	-1.0	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Crotalaria juncea	Seed		86000.0	-0.5434055087174118	--
Croton tiglium	Seed		60000.0	-0.6431783541666525	--
Cucumis sativus	Fruit	944000.0	971000.0	0.8714634578842616	--
Cucumis melo	Fruit	896000.0	938000.0	0.7279763689636809	--
Cucurbita pepo	Seed	65200.0	73110.0	-0.5928698155574392	--
Cucurbita foetidissima	Fruit		899000.0	0.5584007184211763	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cucurbita pepo	Fruit		916000.0	0.6323183096832936	USDA's Ag Handbook 8 and sequelae)
Cucurbita spp	Fruit		936800.0	0.7227586566392961	--
Cucurbita foetidissima	Root		653000.0	-0.7608530357412457	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Cucurbita maxima	Leaf		859000.0	0.25624568698778755	--
Cuminum cyminum	Fruit		81000.0	-2.9983398493677664	--
Cuminum cyminum	Seed		81000.0	-0.5625925943807273	--
Curcuma longa	Plant		690000.0	-0.346469410041001	--
Curcuma longa	Rhizome		133000.0	-1.1144884211539199	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cyamopsis tetragonoloba	Fruit		825000.0	0.236641791750783	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cycas revoluta	Seed		721000.0	1.8933543705236613	--
Cycas revoluta	Fruit		618000.0	-0.6634135842055879	--
Cyclanthera pedata	Fruit	881000.0	945000.0	0.7584130241892586	--
Cydonia oblonga	Fruit	824000.0	857000.0	0.37578078706770984	--
Cymbopogon citratus	Plant		798000.0	0.11588429443641736	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Cynara cardunculus	Flower	773000.0	854870.0	0.2786134138801274	--
Cyphomandra betacea	Fruit	827000.0	87800.0	-2.968772812862919	--
Cyrtosperma chamissonis	Root	600000.0	794000.0	0.16202833476911804	--
Cyrtosperma chamissonis	Leaf		890000.0	0.4109041271949558	--
Daucus carota	Root	858000.0	907000.0	0.9016424827667847	--
Dioscorea bulbifera	Tuber		710000.0	-0.7403953925760133	--
Dioscorea sp.	Root		690000.0	-0.5186784917066113	--
Dioscorea alata	Root	650000.0	786000.0	0.10966627119406193	--
Dioscorea villosa	Root		760000.0	-0.0605104354248704	--
Dioscorea pentaphylla	Root	796950.0	831850.0	0.40976634805860224	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Diospyros virginiana</i>	Fruit		644000.0	-0.5503631505105849	--
<i>Diospyros digyna</i>	Fruit	794600.0	831000.0	0.2627303533727068	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<i>Dipteryx odorata</i>	Seed	69000.0	102000.0	-0.48200683459480204	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Durio zibethinus</i>	Fruit	580000.0	810000.0	0.17142038769597304	--
<i>Echinacea purpurea</i>	Root		749000.0	-0.13250827284057254	--
<i>Echinacea spp</i>	Root		749000.0	-0.13250827284057254	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Elaeagnus umbellatus</i>	Fruit	795600.0	815300.0	0.19446528379533903	--
<i>Elaeagnus commutata</i>	Fruit		862000.0	0.39752125508597963	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Elaeis guineensis</i>	Fruit	262000.0	280000.0	-2.1330692222406276	--
<i>Eleocharis dulcis</i>	Tuber	773000.0	811000.0	0.25382975946813036	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Eleutherococcus senticosus</i>	Root		790000.0	0.13584730298158998	--
<i>Elytrigia repens</i>	Plant		789000.0	0.07735481906329916	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Ephedra sinica</i>	Plant		790000.0	0.08163587188253452	--
<i>Equisetum arvense</i>	Plant		786000.0	0.0645116606055931	--
<i>Eriobotrya japonica</i>	Fruit	865000.0	886000.0	0.5018755015736748	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Eriodictyon californicum</i>	Leaf		780000.0	-0.13788388644338306	--
<i>Eryngium creticus</i>	Shoot		887000.0	0.20437147583583645	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
<i>Eryngium floridanum</i>	Shoot		857000.0	-0.4419840953317163	--
<i>Erythrina fusca</i>	Leaf		815000.0	0.03673048153245202	--
<i>Erythrina berteroana</i>	Shoot		842000.0	-0.7651618809154926	--
<i>Erythroxyllum novogranatense</i>	Leaf	100000.0	800000.0	-0.03810424760004873	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Erythroxylum coca	Leaf	65000.0	800000.0	-0.03810424760004873	--
Eugenia uniflora	Fruit	854000.0	907000.0	0.593185467250408	--
Eugenia floribunda	Fruit		871000.0	0.4366540975188653	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Eupatorium perfoliatum	Plant		910000.0	0.5953622101907772	--
Euphorbia hirta	Leaf		781400.0	-0.13089931172434965	--
Euphrasia officinalis	Plant		846000.0	0.32137482975971443	--
Fagopyrum esculentum	Seed	110000.0	128000.0	-0.3822339891455612	--
Feijoa sellowiana	Fruit	792000.0	840000.0	0.30186319580559245	--
Ficus carica	Fruit	250000.0	877000.0	0.4627426591407891	--
Ficus carica	Leaf		676000.0	-0.6567380084287215	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Foeniculum vulgare	Plant	842000.0	900000.0	0.5525516819984236	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Foeniculum vulgare	Fruit	80670.0	104796.0	-2.8948726139752163	--
Foeniculum vulgare	Seed		892000.0	2.5495527002090523	--
Fragaria spp	Fruit	870000.0	917000.0	0.6366664032869477	--
Frangula purshiana	Bark		723000.0	0.24192319620065653	--
Fucus vesiculosus	Plant		882000.0	0.4754927312521872	--
Garcinia mangostana	Fruit	802000.0	849000.0	0.3409960382384781	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Genipa americana	Fruit		676000.0	-0.41122415519365807	--
Gentiana lutea	Root		780000.0	0.07039472351276986	--
Ginkgo biloba	Seed	124000.0	552000.0	1.2448308751035961	USDA's Ag Handbook 8 and sequelae)
Ginkgo biloba	Leaf		760000.0	-0.2376635252867174	--
Gliricidia sepium	Seed		132000.0	-0.3668843206149088	--
Gliricidia sepium	Leaf		847000.0	0.19637790368178695	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Gliricidia sepium</i>	Flower	855000.0	860000.0	0.31204457974706823	--
<i>Glycine max</i>	Sprout Seedling	815000.0	863000.0	0.5168771895861816	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Glycine max</i>	Seed	83980.0	682000.0	1.7436951023498002	--
<i>Glycine max</i>	Fruit		692000.0	-0.34165465753519464	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Glycyrrhiza glabra</i>	Root		843000.0	0.48274597416633663	--
<i>Gossypium sp</i>	Seed	67700.0	87700.0	-0.5368818995918845	--
<i>Gymnema sylvestre</i>	Leaf		810000.0	0.011785571821618442	--
<i>Harpagophytum procumbens</i>	Root		810000.0	0.26675246191923024	--
<i>Helianthus tuberosus</i>	Tuber	370000.0	860000.0	0.7361766154103386	--
<i>Helianthus annuus</i>	Seed	53600.0	72900.0	-0.5936756731552985	--
<i>Hibiscus sabdariffa</i>	Flower		890000.0	0.5075484737057864	--
<i>Hibiscus sabdariffa</i>	Seed	76000.0	129000.0	-0.3783965720128981	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Hibiscus rosa-sinensis</i>	Flower		898000.0	0.5596828454281104	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Hibiscus sabdariffa</i>	Leaf		856000.0	0.2412787411612874	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Hippophae rhamnoides</i>	Fruit		825000.0	0.236641791750783	Abstract (See species file)
<i>Hordeum vulgare</i>	Plant		883000.0	0.47977378407142257	Jim Duke's personal files.*
<i>Hordeum vulgare</i>	Stem		860000.0	0.42665454120726076	--
<i>Hordeum vulgare</i>	Seed	6000.0	178000.0	-0.19036313251240586	Jim Duke's personal files.*
<i>Humulus lupulus</i>	Fruit	60000.0	120000.0	-2.8287641988252616	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Humulus lupulus</i>	Flower		814000.0	0.012271942343700371	--
<i>Hydnocarpus wightiana</i>	Seed		84800.0	-0.5480104092766075	--
<i>Hydrangea arborescens</i>	Root		650000.0	-0.7804888095818918	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Hydrastis canadensis	Root		723000.0	-0.30268497945950484	--
Hylocereus undatus	Fruit	844000.0	922000.0	0.6584068713052175	--
Hylocereus guatemalensis	Fruit	825000.0	830000.0	0.2583822597690528	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Ilex paraguariensis	Seed		72000.0	-0.5971293485746952	--
Ilex paraguariensis	Leaf		55000.0	-3.7548957945142525	--
Inga feuillei	Aril		840000.0	0.9448841269434676	J Cell Biochem VOL. 22=1995
Inga edulis	Seed		633000.0	1.5556616628493078	--
Inula helenium	Root		780000.0	0.07039472351276986	--
Ipomoea aquatica	Leaf	850000.0	929350.0	0.6072205666192161	--
Ipomoea batatas	Root	682000.0	806000.0	0.24057143013170218	--
Ipomoea batatas	Leaf	830000.0	878000.0	0.35103634388895516	--
Jatropha curcas	Seed		66000.0	-0.6201538513706739	--
Juglans nigra	Seed	31000.0	43600.0	-0.7061119951423275	--
Juglans nigra	Fruit		876000.0	0.45839456553713515	--
Juglans regia	Seed	25000.0	42000.0	-0.7122518625545884	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Juglans cinerea	Seed	30000.0	36000.0	-0.7352763653505671	--
Juglans nigra	Pericarp		880000.0		--
Juniperus communis	Fruit		690000.0	-0.35035084474250255	--
Justicia pectoralis	Leaf		850000.0	0.2113448495082871	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Lablab purpureus	Seed		878000.0	2.495828860351769	--
Lablab purpureus	Fruit		824000.0	0.23229369814712902	--
Lactuca sativa	Leaf	920000.0	971000.0	0.8150116645104598	--
Lagenaria siceraria	Seed		24700.0	-0.7786391789496602	--
Lagenaria siceraria	Fruit	955400.0	963000.0	0.83667870905503	--
Lantana camara	Fruit		760000.0	-0.04598429248672513	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Larrea tridentata	Plant		671000.0	-0.4278094136064728	--
Lawsonia inermis	Seed		106000.0	-0.4666571660641496	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Lawsonia inermis	Leaf		90000.0	-3.5802814265384173	Duke, J. A. and duCellier, J. L. 1993. CRC Handbook of Alternative Cash Crops. CRC Press. Boca Raton, FL 33431. 536 pp. US \$312.50.
Lens culinaris	Seed	111900.0	124000.0	-0.3975836576762137	--
Lens culinaris	Sprout Seedling	650000.0	700000.0	-1.0835340413873007	USDA's Ag Handbook 8 and sequelae)
Lepidium sativum	Seed		56900.0	-0.6550743472779081	--
Lepidium sativum	Leaf	823000.0	894000.0	0.4308600549636226	--
Lepidium meyenii	Root		153000.0	-4.0334820091822525	--
Licania platypus	Fruit	646000.0	674000.0	-0.419920342400966	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Limonia acidissima	Seed		40000.0	-0.7199266968199146	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Limonia acidissima	Fruit		695000.0	-0.32861037672423277	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Liquidambar styraciflua	Resin, Exudate, Sap	150000.0	300000.0	0.8006964126072812	--
Liquidambar orientalis	Resin, Exudate, Sap	150000.0	300000.0	0.8006964126072812	--
Lobelia inflata	Leaf		887000.0	0.3959371813684556	--
Luffa aegyptiaca	Leaf	901000.0	940000.0	0.6603532243032916	--
Luffa aegyptiaca	Fruit	930000.0	950000.0	0.7801534922075284	--
Lupinus albus	Seed		104400.0	-0.47279703347641056	--
Lupinus mutabilis	Seed	77000.0	104000.0	-0.4743320003294758	--
Lupinus mutabilis	Fruit		714000.0	-0.24599659825480744	--
Lycium chinense	Leaf		896000.0	0.44083801884795604	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Lycopersicon esculentum	Fruit	910000.0	982000.0	0.9192924875244552	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Macadamia spp	Seed	28800.0	31000.0	-0.7544634510138826	--
Maclura pomifera	Fruit		800000.0	0.1279394516594334	Smith, J. L. and Perino, J. V. 1981. Osage Orange (Maclura pomifera): History and Economic Uses. Economic Botany 35(1): 24-41
Malpighia glabra	Fruit	914000.0	923000.0	0.6627549649088714	--
Malus domestica	Fruit	809000.0	896000.0	0.5453564376102144	--
Malva parviflora	Plant	859000.0	863000.0	0.39415272768671544	--
Malva sylvestris	Leaf		920000.0	0.5605735854599573	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Mammea americana	Fruit	855000.0	890000.0	0.5192678759882906	--
Mangifera indica	Leaf		782000.0	-0.12790592255904962	--
Mangifera indica	Fruit	754300.0	900000.0	0.5627488120248303	--
Manihot esculenta	Root	607000.0	694250.0	-0.49086114543236276	--
Manihot esculenta	Leaf	748000.0	810000.0	0.011785571821618442	--
Manilkara zapota	Fruit	690000.0	793000.0	0.09750279643385566	--
Maranta arundinacea	Root	572000.0	674000.0	-0.6234026188567234	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Mauritia flexuosa	Fruit		540000.0	-1.002564885290597	J Cell Biochem VOL. 22=1995
Medicago sativa	Seed		117000.0	-0.4244455776048554	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Medicago sativa	Plant		812000.0	0.17581903390571232	--
Melicoccus bijugatas	Fruit	688000.0	825000.0	0.236641791750783	--
Mentha pulegium	Plant		912000.0	0.6039243158292479	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Mentha spicata	Leaf	0.0	855000.0	0.23628975921912068	--
Mentha x piperita	Leaf		851000.0	0.21633383145045382	--
Mentha spicata	Plant	0.0	830000.0	0.2528779846519487	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mimosa pudica	Leaf	749000.0	930000.0	0.6104634048816244	--
Mimulus glabratus	Shoot		900000.0	0.4844588900084426	--
Mirabilis expansa	Root	650000.0	815000.0	0.2994787516536403	--
Momordica charantia	Fruit	795000.0	934000.0	0.710583994549065	--
Momordica charantia	Leaf	801000.0	846000.0	0.19138892173962024	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Morinda citrifolia	Leaf		776000.0	-0.15783981421204993	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Moringa oleifera	Seed		40000.0	-0.7199266968199146	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Moringa oleifera	Leaf		750000.0	-0.28755334470838456	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Moringa oleifera	Shoot		786600.0	-1.9587651690049068	USDA's Ag Handbook 8 and sequelae)
Moringa oleifera	Fruit		882000.0	0.4844831271590589	USDA's Ag Handbook 8 and sequelae)
Morus alba	Fruit	850000.0	875000.0	0.4540464719334812	--
Mucuna pruriens	Seed	71000.0	114000.0	-0.43595782900284474	--
Mucuna pruriens	Cr	91000.0	114000.0		--
Muntingia calabura	Fruit	751000.0	778000.0	0.03228139237904621	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Murraya sp	Fruit	642170.0	663430.0	-0.4658796917915884	--
Murraya koenigii	Leaf	663000.0	730000.0	-0.38733298355171886	--
Musa x paradisiaca	Pith		883000.0		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Musa x paradisiaca	Bulb		902000.0	0.6328300985646054	--
Musa x paradisiaca	Shoot		926000.0	1.044633718353655	Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Musa x paradisiaca	Latex Exudate		114600.0	-1.4142135623730951	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Musa x paradisiaca	Fruit	626000.0	757000.0	-0.05902857329768702	--
Musa x paradisiaca	Flower		902000.0	0.5857500312892728	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Myrciaria dubia	Fruit	930000.0	940000.0	0.7366725561709888	--
Myrciaria cauliflora	Fruit	835000.0	871000.0	0.4366540975188653	--
Myrica cerifera	Bark		782000.0	0.4581878715921525	--
Myristica fragrans	Aril	82000.0	159000.0	-1.3837024488653438	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Myristica fragrans	Seed	62000.0	143000.0	-0.3246727321556146	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Myroxylon balsamum	Seed		46000.0	-0.696902194023936	--
Nasturtium officinale	Herb	897000.0	951000.0	0.7581700684751388	--
Nelumbo nucifera	Seed	143000.0	80200.0	-0.5656625280868578	--
Nelumbo nucifera	Rhizome	750000.0	838000.0	0.7144555660749288	--
Nepeta cataria	Plant		880000.0	0.4669306256137165	--
Nicotiana tabacum	Leaf	800000.0	900000.0	0.46079394661662293	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Nigella sativa	Seed		55000.0	-0.6623654398299681	--
Nyssa sylvatica	Resin, Exudate, Sap	150000.0	300000.0	0.8006964126072812	--
Ocimum tenuiflorum	Plant		74800.0	-2.980173104434592	--
Ocimum basilicum	Leaf	771000.0	865000.0	0.28617957864078786	--
Oenothera biennis	Seed	63000.0	83000.0	-0.5549177601154011	--
Olea europaea	Fruit		782000.0	0.04967376679366207	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Opuntia ficus-indica	Fruit	814000.0	864000.0	0.40621744229328755	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Opuntia ficus-indica	Bud		952600.0	1.0	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Opuntia ficus-indica	Seed	53000.0	136000.0	-0.3515346520842564	--
Origanum vulgare	Plant	68380.0	74820.0	-2.980087483378207	USDA's Ag Handbook 8 and sequelae)
Origanum majorana	Plant	74920.0	77880.0	-2.966987461751347	USDA's Ag Handbook 8 and sequelae)
Oryza sativa	Seed		103000.0	-0.4781694174621389	--
Oxalis tuberosa	Root	824000.0	838000.0	0.4500196844319266	--
Pachira macrocarpa	Seed		54000.0	-0.6662028569626312	--
Pachyrhizus erosus	Tuber		891500.0	1.0462567370874725	--
Panax ginseng	Root		788000.0	0.12275678708782596	--
Papaver somniferum	Seed	62250.0	73300.0	-0.5921407063022331	--
Parthenium integrifolium	Root		840000.0	0.4631102003256906	--
Passiflora mollissima	Fruit	920000.0	926000.0	0.6757992457198333	--
Passiflora edulis	Seed		54000.0	-0.6662028569626312	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Passiflora ligularis	Fruit	699000.0	860000.0	0.3888250678786717	--
Passiflora edulis	Fruit	751000.0	790000.0	0.08445851562289378	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Passiflora incarnata	Flower		890000.0	0.5075484737057864	--
Passiflora quadrangularis	Seed		784000.0	2.135111649881437	--
Passiflora foetida	Fruit		820000.0	0.2149013237325132	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Passiflora quadrangularis	Fruit	800000.0	944000.0	0.7540649305856046	--
Pastinaca sativa	Root	724000.0	810000.0	0.26675246191923024	--
Paullinia yoko	Bark		123000.0	-1.9573785874416756	--
Peganum harmala	Plant		677000.0	-0.40212309669106067	--
Peperomia pereskiiifolia	Leaf		850000.0	0.2113448495082871	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
Peperomia pelucida	Leaf		922000.0	0.5705515493442906	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Pereskia aculeata	Fruit	914000.0	968000.0	0.8584191770732997	--
Perideridia gairdneri	Root		628600.0	-0.9205573296451669	Izidoost, M. & Robinson, T., Synergism & antagonism in the pharmacology of alkaloidal plants, pp 137-58 in Craker, L. & Simon, J., eds., Herbs, Spices & Medicinal Plants: Recent Advances in Botany, Horticulture & Pharmacology, v. 2, 1987, 255pp.
Perilla frutescens	Seed	63000.0	178000.0	-0.19036313251240586	--
Perilla frutescens	Leaf		860000.0	0.2612346689299543	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Persea americana	Fruit	716000.0	830000.0	0.2583822597690528	--
Persea schiedeana	Fruit	765000.0	776000.0	0.023585205171738285	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Petasites japonicus	Pt		945000.0	-1.0	USDA's Ag Handbook 8 and sequelae)
Petroselinum crispum	Plant		921000.0	0.6424537912023661	--
Phaseolus vulgaris	Leaf		868000.0	0.301146524467288	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phaseolus lunatus	Seed	46900.0	702400.0	1.8219784118561275	--
Phaseolus coccineus	Fruit	342000.0	583000.0	-0.8155968603334767	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phaseolus acutifolius	Fruit		80000.0	-3.0026879429714204	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Phaseolus vulgaris	Sprout Seedling		907000.0	0.9488900372109252	USDA's Ag Handbook 8 and sequelae)
Phaseolus vulgaris	Fruit	688000.0	942000.0	0.7453687433782967	--
Phaseolus lunatus	Leaf		972000.0	0.8200006464526265	--
Phaseolus acutifolius	Seed	49800.0	90100.0	-0.527672098473493	--
Phaseolus vulgaris	Seed	63000.0	604000.0	1.4443765660020778	--
Phaseolus lunatus	Sprout Seedling		640000.0	-1.6726424699664966	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Phaseolus coccineus</i>	Seed	64200.0	136000.0	-0.3515346520842564	--
<i>Phaseolus acutifolius</i>	Hay	66000.0	108000.0		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Phoenix dactylifera</i>	Fruit	153000.0	785000.0	0.06271804760462396	--
<i>Phoenix dactylifera</i>	Seed	71700.0	90000.0	-0.5280558401867593	--
<i>Phragmites australis</i>	Rhizome		53000.0	-1.3220281643855623	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Phyllanthus emblica</i>	Fruit	771000.0	841000.0	0.3062112894092464	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Phyllanthus acidus</i>	Fruit	905000.0	914000.0	0.6236221224759857	--
<i>Physalis angulata</i>	Fruit		900000.0	0.5627488120248303	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Physalis peruviana</i>	Fruit	789000.0	829000.0	0.25403416616539887	--
<i>Physalis ixocarpa</i>	Fruit	917000.0	930000.0	0.6931916201344491	--
<i>Phytelephas aequatorialis</i>	Seed		877100.0	2.492375184932372	KOZIOL & PEDERSEN. 1993. PHYTELEPHAS AEQUATORIALIS(ARECACEAE) IN HUMAN AND ANIMAL NUTRITION. ECON. BOT. 47:401-307.
<i>Phytelephas aequatorialis</i>	Mesocarp	483800.0	811400.0		KOZIOL & PEDERSEN. 1993. PHYTELEPHAS AEQUATORIALIS(ARECACEAE) IN HUMAN AND ANIMAL NUTRITION. ECON. BOT. 47:401-307.
<i>Phytelephas aequatorialis</i>	Flower		708000.0	-0.6785084829771038	KOZIOL & PEDERSEN. 1993. PHYTELEPHAS AEQUATORIALIS(ARECACEAE) IN HUMAN AND ANIMAL NUTRITION. ECON. BOT. 47:401-307.
<i>Phytolacca americana</i>	Shoot		916000.0	0.8291818612978041	--
<i>Pimpinella anisum</i>	Seed	95000.0	110000.0	-0.45130749753349714	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Pinus edulis</i>	Seed	30000.0	59000.0	-0.6470157712993156	--
<i>Pinus pinea</i>	Seed	56000.0	69750.0	-0.6057635371231872	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Pinus cembroides</i>	Seed	31000.0	37000.0	-0.731438948217904	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Pinus gerardiana</i>	Seed		75000.0	-0.5856170971767058	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Pinus elliotii</i>	Resin, Exudate, Sap		20000.0	-1.5105922011044584	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Piper betel</i>	Leaf		854000.0	0.23130077727695397	--
<i>Piper methysticum</i>	Root		120000.0	-4.249475521429359	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Piper auritum</i>	Leaf	804000.0	822000.0	0.07165335512761904	--
<i>Piper nigrum</i>	Fruit	103109.0	107091.0	-2.8848937391548306	USDA's Ag Handbook 8 and sequelae)
<i>Pistacia vera</i>	Seed	36500.0	5300.0	-0.8530850713233245	--
<i>Pisum sativum</i>	Fruit	880000.0	897750.0	0.5529656014166089	--
<i>Pisum sativum</i>	Seed	760000.0	793670.0	2.172219473554289	--
<i>Plantago psyllium</i>	Seed	782000.0			--
<i>Plantago major</i>	Seed		700000.0	1.812768610737736	--
<i>Plantago psyllium</i>	Hull Husk		83000.0	1.0	--
<i>Platonia insignis</i>	Fruit	700000.0	723000.0	-0.20686375582192176	--
<i>Platycodon grandiflorum</i>	Root		242000.0	-3.450954051909753	--
<i>Plectranthus amboinicus</i>	Leaf		944000.0	0.6803091520719584	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Polygonum multiflorum</i>	Root		800000.0	0.2012998824504101	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Polymnia edulis</i>	Root	822000.0	909000.0	0.9147329986605487	--
<i>Portulaca oleracea</i>	Herb	912000.0	950000.0	0.6547832409558022	--
<i>Pothomorphe sp.</i>	Leaf		820000.0	0.0616753912432856	--
<i>Pourouma cecropiaefolia</i>	Fruit		820000.0	0.2149013237325132	J Cell Biochem VOL. 22=1995
<i>Pouteria caimito</i>	Fruit	606000.0	741000.0	-0.12859807095615045	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Pouteria viridis</i>	Fruit		684000.0	-0.37643940636442635	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Pouteria campechiana</i>	Fruit	572000.0	606000.0	-0.7155907074494355	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Prunus salicifolia</i>	Fruit	768000.0	808000.0	0.16272420048866512	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<i>Prunus persica</i>	Bark		792000.0	0.49484290131952474	--
<i>Prunus armeniaca</i>	Fruit		963500.0	0.8388527558568569	USDA's Ag Handbook 8 and sequelae)
<i>Prunus domestica</i>	Fruit	840000.0	933000.0	0.706235900945411	--
<i>Prunus persica</i>	Fruit	835000.0	964000.0	0.8410268026586839	--
<i>Prunus cerasus</i>	Fruit	826000.0	874000.0	0.44969837832982723	--
<i>Psidium guajava</i>	Fruit	770000.0	868000.0	0.42360981670790343	USDA's Ag Handbook 8 and sequelae)
<i>Psidium cattleianum</i>	Fruit	783200.0	843000.0	0.3149074766165543	--
<i>Psidium guajava</i>	Seed		103000.0	-0.4781694174621389	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Psophocarpus tetragonolobus</i>	Leaf	758000.0	779000.0	-0.14287286838554977	--
<i>Psophocarpus tetragonolobus</i>	Tuber		574000.0	-2.0791540131503057	--
<i>Psophocarpus tetragonolobus</i>	Seed	79780.0	882930.0	2.514747326815798	--
<i>Psoralea esculenta</i>	Root		569800.0	-1.3054184969218292	Izadoost, M. & Robinson, T., Synergism & antagonism in the pharmacology of alkaloidal plants, pp 137-58 in Craker, L. & Simon, J., eds., Herbs, Spices & Medicinal Plants: Recent Advances in Botany, Horticulture & Pharmacology, v. 2, 1987, 255pp.
<i>Pteridium aquilinum</i>	Leaf		913000.0	0.5256507118647903	--
<i>Pterocarpus marsupium</i>	Leaf		788000.0	-0.09797203090604932	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Pueraria montana</i>	Root		686000.0	-0.5448595234941394	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
Punica granatum	Seed		350000.0	0.46967261430564855	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Punica granatum	Fruit	780000.0	823220.0	0.22890218513627894	--
Pyrus communis	Fruit	817000.0	891000.0	0.5236159695919446	--
Quararibea cordata	Fruit	800000.0	853000.0	0.35838841265309396	--
Quercus suber	Cork	30000.0	70000.0		--
Quercus alba	Bark		772000.0	0.4215328418647803	--
Quisqualis indica	Seed		65000.0	-0.623991268503337	--
Raphanus sativus	Root	926000.0	945000.0	1.1503622847483013	--
Raphanus sativus	Leaf		856000.0	0.2412787411612874	--
Raphanus sativus	Fruit	899000.0	923000.0	0.6627549649088714	--
Rauvolfia serpentina	Seed	55000.0	87000.0	-0.5395680915847486	--
Rheum rhabarbarum	Leaf		900000.0	0.46079394661662293	--
Rheum rhabarbarum	Stem	927000.0	950000.0	0.7123607071942658	--
Rhizophora mangle	Leaf		656000.0	-0.756517647272056	--
Rhus copallina	Plant				--
Ribes uva-crispa	Fruit	875000.0	882000.0	0.4844831271590589	--
Ribes rubrum	Fruit	834000.0	845000.0	0.32360366382386224	--
Ribes nigrum	Fruit	815220.0	824000.0	0.23229369814712902	USDA's Ag Handbook 8 and sequelae)
Ricinus communis	Seed	51000.0	56000.0	-0.6585280226973049	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Robinia pseudoacacia	Seed	103000.0	115000.0	-0.43212041187018163	--
Rollinia mucosa	Fruit		772000.0	0.0061928307571224315	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Rosa canina	Fruit		813000.0	0.18446466850693494	--
Rosmarinus officinalis	Plant	77900.0	677700.0	-0.3991263597175959	USDA's Ag Handbook 8 and sequelae)

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rubus idaeus	Leaf		831000.0	0.11655419260711948	--
Rubus chamaemorus	Fruit		840000.0	0.30186319580559245	--
Rubus idaeus	Fruit		865700.0	0.4136092014194993	Revised USDA data received 1993.
Rumex crispus	Root		743000.0	-0.1717798205218646	--
Rumex crispus	Leaf		926000.0	0.5905074771129576	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Rumex acetosa	Leaf		900000.0	0.46079394661662293	--
Ruscus aculeatus	Plant		698000.0	-0.3122209874871182	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Ruscus aculeatus	Root		698000.0	-0.46631642813155516	--
Salix alba	Bark		832000.0	0.6414630202290136	--
Salvia officinalis	Leaf		843000.0	0.1764219759131201	--
Sambucus nigra	Fruit	791000.0	821600.0	0.22185827349835952	--
Santalum acuminatum	Fruit		767000.0	-0.015547637261147385	--
Schisandra chinensis	Fruit		913000.0	0.6192740288723317	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Sclerocarya caffra	Fruit		917000.0	0.6366664032869477	--
Sclerocarya caffra	Seed		39000.0	-0.7237641139525778	--
Scutellaria lateriflora	Plant		863000.0	0.39415272768671544	--
Secale cereale	Seed	100000.0	110000.0	-0.45130749753349714	--
Sechium edule	Fruit	925000.0	930000.0	0.6931916201344491	--
Sechium edule	Shoot		926000.0	1.044633718353655	--
Sechium edule	Leaf		823000.0	0.07664233706978575	--
Senna obtusifolia	Seed	96800.0	97200.0	-0.5004264368315849	--
Senna alexandrina	Leaf		797000.0	-0.053071193426548875	--
Serenoa repens	Fruit		870000.0	0.43230600391521135	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Sesamum indicum	Seed	45100.0	50820.0	-0.6784058434444998	USDA's Ag Handbook 8 and sequelae)
Sicana odorifera	Fruit	851000.0	874000.0	0.44969837832982723	--
Sida rhombifolia	Leaf		802000.0	-0.02812628371571529	--
Silybum marianum	Plant		882000.0	0.4754927312521872	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Silybum marianum	Leaf		780000.0	-0.13788388644338306	--
Simmondsia chinensis	Seed	43000.0	46000.0	-0.696902194023936	--
Sinapis alba	Seed	66450.0	75700.0	-0.5829309051838417	--
Smilax officinalis	Root		790000.0	0.13584730298158998	--
Smilax spp	Root		790000.0	0.13584730298158998	--
Solanum tuberosum	Tuber	700000.0	800000.0	0.14554781221579788	--
Solanum melongena	Leaf		864000.0	0.2811905966986211	--
Solanum sessiliflorum	Fruit		900000.0	0.5627488120248303	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Solanum torvum	Fruit		854000.0	0.3627365062567479	--
Solanum melongena	Fruit	905000.0	932000.0	0.701887807341757	--
Solanum quitoensis	Fruit	858000.0	925000.0	0.6714511521161793	--
Solanum nigrum	Leaf	821000.0	878000.0	0.35103634388895516	--
Sonchus oleraceus	Leaf	920000.0	932000.0	0.6204413687659579	--
Sorbus aucubaria	Fruit		740000.0	-0.1329461645598044	--
Sphenostylis stenocarpa	Root		648000.0	-0.7935793254756558	--
Sphenostylis stenocarpa	Seed		94000.0	-0.5127061716561069	--
Spinacia oleracea	Plant	913120.0	930000.0	0.6809832665754842	--
Spondias dulcis	Fruit	596000.0	869000.0	0.4279579103115574	--
Spondias purpurea	Fruit	758000.0	762000.0	-0.0372881052794172	--
Spondias pinnata	Fruit		903000.0	0.5757930928357922	--
Spondias mombin	Fruit	827000.0	880000.0	0.475786939951751	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Stachys officinalis	Plant		832000.0	0.2614400902904194	--
Stellaria media	Plant		917000.0	0.6253295799254247	--
Sterculia urens	Gum	120000.0	240000.0		--
Stevia rebaudiana	Leaf		823000.0	0.07664233706978575	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Symphytum officinale	Leaf		890000.0	0.4109041271949558	--
Symphytum officinale	Root		862000.0	0.6071058751570949	--
Syzygium malaccense	Fruit	903000.0	935000.0	0.714932088152719	--
Syzygium aromaticum	Fruit	69000.0	252000.0	-2.2548158431429384	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Syzygium aromaticum	Flower	69000.0	252000.0	-3.65016767114962	--
Syzygium jambos	Fruit	820000.0	891000.0	0.5236159695919446	--
Syzygium cumini	Fruit	827000.0	858000.0	0.3801288806713638	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Tabebuia heptaphylla	Bark		821000.0	0.6011424875289041	--
Tamarindus indica	Fruit		314000.0	-1.9852340397163928	USDA's Ag Handbook 8 and sequelae)
Tanacetum parthenium	Plant		895000.0	0.5311464179022468	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Taraxacum officinale	Root		857000.0	0.5743795854226849	--
Taraxacum officinale	Leaf	356000.0	880000.0	0.3610143077732886	--
Terminalia chebula	Fruit		100000.0	-2.915726070898341	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Terminalia bellirica	Leaf	751000.0	780000.0	-0.13788388644338306	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Terminalia catappa	Seed	27000.0	60000.0	-0.6431783541666525	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Terminalia bellirica	Fruit		61000.0	-3.0853017214408456	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tetragonia tetragonioides	Leaf		940000.0	0.6603532243032916	--
Theobroma bicolor	Seed	36000.0	523100.0	1.1339295199696324	--
Theobroma angustifolium	Seed	31900.0	441700.0	0.8215637653708555	--
Theobroma bicolor	Petiole		505900.0	1.0	--
Theobroma angustifolium	Petiole		446800.0	-1.0	--
Theobroma cacao	Seed		36000.0	-0.7352763653505671	--
Theobroma bicolor	Fruit	790000.0	921400.0	0.655798015143025	--
Theobroma cacao	Fruit		580000.0	-0.8286411411444385	J Cell Biochem VOL. 22=1995
Theobroma speciosum	Fruit		610000.0	-0.6981983330348196	J Cell Biochem VOL. 22=1995
Thymus vulgaris	Leaf		832000.0	0.1215431745492862	--
Thymus vulgaris	Plant	74111.0	81690.0	-2.95067665051006	USDA's Ag Handbook 8 and sequelae)
Tilia sp.	Leaf		120000.0	-3.430611968273416	--
Tilia sp.	Fruit		681000.0	-0.3894836871753882	--
Trachyspermum ammi	Fruit		74000.0	-3.028776504593344	--
Tragopogon porrifolius	Root	768000.0	776000.0	0.04421369172524181	--
Tribulus terrestris	Leaf	720000.0	791000.0	-0.08300508507954917	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Trichosanthes anguina	Fruit		946000.0	0.7627611177929126	--
Trifolium pratense	Flower		820000.0	0.051372721135444006	--
Trigonella foenum-graecum	Seed		870000.0	2.465129523290464	--
Triticum aestivum	Plant	666000.0	876000.0	0.4498064143367751	--
Triticum aestivum	Seed	60000.0	159000.0	-0.2632740580330049	--
Tropaeolum tuberosum	Root	860000.0	921000.0	0.9932760940231329	--
Tropaeolum majus	Shoot		863000.0	-0.3127129810982058	--
Turnera diffusa	Leaf		790000.0	-0.08799406702171589	--
Ulex europaeus	Plant		527000.0	-1.0442810195763639	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ullucus tuberosus	Root	859000.0	863000.0	0.6136511331039769	--
Ulmus rubra	Bark		836000.0	0.6561250321199624	--
Urtica dioica	Leaf		800000.0	-0.03810424760004873	--
Vaccinium corymbosum	Fruit	843000.0	849000.0	0.3409960382384781	--
Vaccinium vitis-idaea	Fruit	800000.0	932000.0	0.701887807341757	--
Vaccinium myrtilus	Fruit		920000.0	0.6497106840979096	--
Vaccinium macrocarpon	Fruit		880000.0	0.475786939951751	--
Valeriana officinalis	Root		882000.0	0.7380110340947351	--
Valerianella locusta	Plant		928000.0	0.6724211609370135	--
Vanilla planifolia	Fruit	259000.0	309000.0	-2.006974507734663	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Verbascum thapsus	Leaf		560000.0	-1.2354599137200606	--
Viburnum opulus	Bark		782000.0	0.4581878715921525	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Vicia faba	Fruit		854000.0	0.3627365062567479	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vicia faba	Seed		810000.0	2.2348844953306775	USDA's Ag Handbook 8 and sequelae)
Vigna unguiculata	Seed	83120.0	85480.0	-0.5454009656263965	USDA's Ag Handbook 8 and sequelae)
Vigna radiata	Sprout Seedling		888140.0	0.7637136211608647	USDA's Ag Handbook 8 and sequelae)
Vigna angularis	Seed		134400.0	-0.35767451949651735	--
Vigna unguiculata	Seed	115600.0	668000.0	1.6899712624925167	USDA's Ag Handbook 8 and sequelae)
Vigna unguiculata	Shoot		897800.0	0.4370594814561554	--
Vigna unguiculata	Fruit	872000.0	884560.0	0.49561424678441307	USDA's Ag Handbook 8 and sequelae)
Vigna radiata	Seed	86100.0	94890.0	-0.5092908704080367	USDA's Ag Handbook 8 and sequelae)
Vigna aconitifolia	Seed	90130.0	108000.0	-0.45898233179882336	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vigna unguiculata	Leaf		890000.0	0.4109041271949558	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vigna unguiculata	Leaf		890000.0	0.4109041271949558	--
Vigna subterranea	Seed	101000.0	573000.0	1.3254166348895215	--
Vigna mungo	Seed	98000.0	106000.0	-0.4666571660641496	--
Vigna unguiculata	Shoot		897800.0	0.4370594814561554	USDA's Ag Handbook 8 and sequelae)
Viscum album	Leaf		798000.0	-0.04808221148438216	--
Vitis vinifera	Stem		792000.0	0.21078766023930146	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Vitis vinifera	Fruit	761000.0	897000.0	0.5497045312138683	--
Xanthosoma sagittifolium	Root	150000.0	770000.0	0.004942144043949733	--
Xanthosoma sagittifolium	Leaf		839000.0	0.15646604814445322	--
Yucca baccata	Root		792000.0	0.148937818875354	--
Zea mays	Silk Stigma Style		620000.0	1.0	--
Zea mays	Seed	100000.0	885000.0	2.5226907802804104	--
Zingiber officinale	Rhizome	93090.0	930000.0	0.9531262707913175	--
Zingiber officinale	Root		930000.0	1.052183415545071	--
Zizyphus spina-christi	Fruit		93000.0	-2.9461627261239185	--
Zizyphus jujuba	Seed		213000.0	-0.05605353286919712	--
Zizyphus jujuba	Fruit	162000.0	830000.0	0.2583822597690528	--