

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for CARBOHYDRATES

Plant	Part	Low PPM	High PPM	StdDev	Reference
Abelmoschus esculentus	Fruit	76300.0	760000.0	-0.12236009010138874	--
Abrus precatorius	Leaf	137000.0	652000.0	0.3193001468713054	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Acacia tortilis	Leaf		660000.0	0.38292106761842515	--
Acacia senegal	Leaf		667000.0	0.43858937327215497	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Acacia farnesiana	Seed	730000.0	770000.0	0.9800291311468579	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Acacia catechu	Leaf		726000.0	0.9077936637821632	--
Acacia tortilis	Fruit	462500.0	739000.0	-0.2346578821201484	--
Acacia senegal	Fruit		699000.0	-0.4485584383463573	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Acacia farnesiana	Leaf	90000.0	484200.0	-1.0151486657995317	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Acacia tortilis	Seed		506000.0	-0.06916020353162591	--
Acacia senegal	Seed		491000.0	-0.12877323391108522	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Acacia nilotica	Plant				--
Acacia decurrens	Plant				--
Acalypha indica	Leaf	60000.0	300700.0	-2.474453535436591	Wealth of India.
Achillea millefolium	Plant	133104.0	752000.0	0.5125462432567227	--
Actaea racemosa	Root		813000.0	-0.21867316898818387	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Actinidia chinensis	Fruit	148800.0	877900.0	0.5081117993753625	--
Aegle marmelos	Fruit	281000.0	901300.0	0.6332436247676948	--
Aesculus hippocastanum	Seed		740000.0	0.8608030703879392	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Aframomum melegueta	Fruit	278000.0	352000.0	-2.3041457636087195	--
Agave americana	Plant		820000.0	0.9503830051657487	--
Albizia lebbek	Seed		495000.0	-0.11287642580989607	Wealth of India.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Albizia lebbek	Leaf	525000.0	613000.0	0.009148158229096572	Wealth of India.
Aleurites moluccana	Seed	80000.0	86000.0	-1.7383250541564865	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Allium sativum var. sativum	Shoot	201000.0	901000.0	1.7601339567922876	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Allium sativum var. sativum	Bulb	274000.0	851000.0	1.0	--
Allium ampeloprasum	Root	103000.0	752000.0	-1.0015720237536276	--
Allium sativum var. sativum	Leaf	95000.0	699000.0	0.693073056260634	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Allium cepa	Leaf	47000.0	603000.0	-0.07037799270480313	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Allium ampeloprasum	Leaf	70000.0	767000.0	1.2338508826111518	--
Allium schoenoprasum	Leaf	38000.0	667000.0	0.43858937327215497	--
Allium sativum var. sativum	Flower	94000.0	810000.0	0.807807151549158	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Allium cepa	Bulb	73200.0	798000.0	-1.0	--
Allium ampeloprasum	Flower	105000.0	621000.0	-0.22084210604370214	--
Alocasia macrorrhiza	Root	30000.0	925000.0	1.2187804659909915	--
Alocasia macrorrhiza	Leaf		520000.0	-0.7304450454561706	--
Aloe spp.	Leaf	4480.0	896000.0	2.259738229658458	--
Aloe vera	Leaf		896000.0	2.259738229658458	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Alpinia galanga	Rhizome	117000.0	830000.0	0.7250411671294028	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Althaea officinalis	Root	87156.0	807000.0	-0.2956796137192111	--
Amaranthus spinosus	Leaf	74000.0	606450.0	-0.04294147063260773	--
Amaranthus sp.	Leaf	40300.0	540000.0	-0.5713927435883712	--
Amorphophallus campanulatus	Shoot		651000.0	0.33500495137838443	--
Amorphophallus campanulatus	Root	184000.0	856000.0	0.3332063515841781	--
Amorphophallus konjac	Leaf	23000.0	885000.0	2.1722594636311685	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Anacardium occidentale	Leaf	231000.0	767000.0	1.2338508826111518	--
Anacardium occidentale	Fruit	116000.0	958678.0	0.9400732776463802	--
Anacardium occidentale	Seed	294000.0	432000.0	-0.3632511534036252	--
Ananas comosus	Fruit	116000.0	938000.0	0.8294973851052414	--
Anethum graveolens	Fruit	551700.0	597491.0	-0.9913792273955132	--
Anethum graveolens	Plant	558200.0	602000.0	-0.45327014330730514	--
Anethum graveolens	Seed	551700.0	597491.0	0.2944435139648482	--
Angelica sinensis	Root	176000.0	800000.0	-0.38552046590540956	--
Annona diversifolia	Fruit		240000.0	-2.903067321042104	J Cell Biochem VOL. 22=1995
Annona squamosa	Fruit	200000.0	904000.0	0.6476819123129639	--
Annona cherimola	Fruit	213000.0	927000.0	0.770674732143034	--
Annona glabra	Fruit	103000.0	780000.0	-0.015409811988284292	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Annona reticulata	Plant	185000.0	884000.0	1.3624646634330673	--
Annona muricata	Fruit	149000.0	89400.0	-3.7084029152337807	--
Anogeissus latifolia	Leaf		694000.0	0.6533099807936842	--
Anredera baselloides	Tuber	105000.0	700000.0	-1.2440583852301055	Wealth of India.
Anthriscus cerefolium	Leaf	491000.0	529300.0	-0.6564857250876439	--
Apium graveolens	Pt	36300.0	684980.0	-0.4019274925269096	--
Apium graveolens	Seed	413500.0	439964.0	-0.33160060847415757	USDA's Ag Handbook 8 and sequelae)
Arachis hypogaea	Plant	668000.0	717000.0	0.28718908639178287	--
Arachis hypogaea	Leaf	149000.0	693000.0	0.6453573657002941	--
Arachis hypogaea	Seed	161800.0	377000.0	-0.581832264794976	--
Aralia cordata	Leaf	29000.0	617000.0	0.04095861860265645	--
Arctium lappa	Root	200925.0	855000.0	0.32037194412900694	--
Arctostaphylos uva-ursi	Leaf	94424.0	814000.0	1.6076237920004806	--
Areca catechu	Sprout Seedling	90000.0	662000.0	0.467533482939333	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Areca catechu	Seed	472000.0	791000.0	1.063487373678101	--
Armoracia rusticana	Root	155000.0	783000.0	-0.6037053926433201	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Arracacia xanthorrhiza	Root	269000.0	930800.0	1.2932200292309846	--
Artemisia dracunculus	Root				--
Artemisia dracunculus	Plant	502000.0	544000.0	-0.8267191461120625	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Artemisia dracunculus	Leaf				--
Artemisia vulgaris	Leaf	45000.0	354330.0	-2.047954787978087	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Artocarpus altilis	Seed	159000.0	677000.0	0.6104283427942102	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Artocarpus heterophyllus	Seed	384000.0	793400.0	1.0730254585388144	--
Artocarpus altilis	Fruit	179200.0	922450.0	0.7463435438723027	--
Artocarpus heterophyllus	Fruit	189000.0	896900.0	0.6097145635828118	--
Arundo donax	Plant	699000.0	777000.0	0.673515641017394	--
Asimina triloba	Fruit	168000.0	854000.0	0.3803062170302022	--
Asparagus officinalis	Shoot	36000.0	602000.0	0.05567966631725951	--
Avena sativa	Seed	562000.0	775000.0	0.9999001412733444	--
Avena sativa	Plant	265000.0	861000.0	1.2143728174932495	--
Averrhoa carambola	Fruit	67000.0	936000.0	0.818802357293931	USDA's Ag Handbook 8 and sequelae)
Averrhoa bilimbi	Fruit	46000.0	840000.0	0.30544102235102905	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Azadirachta indica	Leaf		692000.0	0.6374047506069042	--
Azadirachta indica	Fruit		834000.0	0.2733559389170977	--
Bacopa monnieri	Shoot		59000.0	-3.039700533441737	Wealth of India.
Bactris gasipaes	Fruit	417000.0	834000.0	0.2733559389170977	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Balanites aegyptiacus	Shoot		644000.0	0.29510133922679516	--
Balanites aegyptiacus	Leaf		715000.0	0.8203148977548735	--
Balanites aegyptiacus	Fruit	791000.0	886000.0	0.5514266620111699	--
Basella alba	Leaf	34000.0	492750.0	-0.9471538067510473	--
Benincasa hispida	Fruit	29000.0	825000.0	0.2252283137662007	--
Berberis vulgaris	Bark		791000.0	0.18472637875974568	--
Berberis vulgaris	Root		791000.0	-0.5010301330019504	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Bertholletia excelsa	Seed	128000.0	132429.0	-1.5538068283239588	USDA's Ag Handbook 8 and sequelae)
Beta vulgaris	Leaf	36000.0	609000.0	-0.022662302144463308	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Beta vulgaris	Root	95000.0	794000.0	-0.4625269106364368	--
Betula lenta	Leaf		556000.0	-0.4441509020941317	Jim Duke's personal files.*
Bixa orellana	Fruit	143000.0	916666.0	0.7154135234419929	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Blighia sapida	Seed	55000.0	569000.0	0.18121452406210317	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Blighia sapida	Aril	46000.0	225000.0	-1.0702938500614008	--
Boehmeria nivea	Leaf	71000.0	546150.0	-0.5224841607640229	--
Boehmeria nivea	Shoot	473000.0	606000.0	0.07848173040388196	--
Borago officinalis	Leaf	30600.0	437580.0	-1.3858995814533719	USDA's Ag Handbook 8 and sequelae)
Brassica oleracea var. italica	Leaf	52400.0	562776.0	-0.3902639822213213	USDA's Ag Handbook 8 and sequelae)
Brassica oleracea	Stem	59000.0	688900.0	-1.414170983098101	--
Brassica oleracea var. capitata l.	Leaf	53700.0	717969.0	0.8439262119671483	USDA's Ag Handbook 8 and sequelae)
Brassica nigra	Seed	192000.0	207792.0	-1.2542990410914794	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Brassica chinensis	Leaf	21800.0	465866.0	-1.1609519109217432	--
Brassica rapa	Leaf	21800.0	465866.0	-1.1609519109217432	USDA's Ag Handbook 8 and sequelae)

Plant	Part	Low PPM	High PPM	StdDev	Reference
Brassica oleracea var. sabellica l.	Leaf	100000.0	644000.0	0.25567922612418564	--
Brassica oleracea var. gemmifera	Leaf	89600.0	639744.0	0.22183289628671793	USDA's Ag Handbook 8 and sequelae)
Brassica nigra	Leaf	34100.0	502209.0	-0.8719300205826715	USDA's Ag Handbook 8 and sequelae)
Brassica oleracea var. botrytis l.	Flower	49200.0	635660.0	-0.14105375622194907	--
Brassica rapa	Root	62300.0	766290.0	-0.818168341219231	--
Brassica oleracea var. viridis l.	Leaf	37600.0	616264.0	0.03510549389392143	--
Brassica oleracea var. botrytis l.	Leaf	52400.0	562776.0	-0.3902639822213213	--
Brassica napus var. napobrassica	Root	81300.0	786171.0	-0.5630074866029722	USDA's Ag Handbook 8 and sequelae)
Bromelia pinguin	Leaf	57000.0	713000.0	0.8044096675680935	--
Brosimum alicastrum	Fruit	121000.0	756250.0	-0.14241326724759582	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Byrsonima crassifolia	Fruit	144000.0	837210.0	0.290521458554251	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cajanus cajan	Seed	213000.0	714000.0	0.7574738177302098	--
Cajanus cajan	Fruit	217000.0	747000.0	-0.19187777087490662	--
Cajanus cajan	Plant		668000.0	-0.02831093321913289	--
Cajanus cajan	Leaf		636000.0	0.1920583053770659	--
Calathea macrosepala	Flower	44000.0	571430.0	-0.4906312261435862	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Camellia sinensis	Leaf	536000.0	590000.0	-0.17376198891887273	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Canavalia ensiformis	Seed	538000.0	687000.0	0.650170363047183	--
Canavalia ensiformis	Fruit	79000.0	902000.0	0.6369868845016534	--
Canna indica	Root	313000.0	942770.0	1.446847886469384	--
Capparis spinosa	Leaf	477000.0	537000.0	-0.5952505888685411	--
Capsella bursa-pastoris	Plant	52000.0	441000.0	-1.4899130648860284	--
Capsicum frutescens	Fruit	87000.0	849000.0	0.353568647501926	--
Capsicum annuum	Fruit	175956.0	682000.0	-0.539466174742496	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Carica papaya</i>	Fruit	124065.0	919000.0	0.7278946208977922	--
<i>Carica pentagona</i>	Fruit	54000.0	794115.0	0.06007034679003917	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Carica papaya</i>	Seed		155000.0	-1.4641051144109738	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Carica papaya</i>	Leaf	113000.0	556000.0	-0.4441509020941317	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Carthamus tinctorius</i>	Plant	692000.0	892000.0	1.413974870716482	--
<i>Carthamus tinctorius</i>	Seed	124000.0	530000.0	0.02622064507550898	--
<i>Carum carvi</i>	Fruit	499000.0	554000.0	-1.2239479546663645	--
<i>Carum carvi</i>	Seed	300000.0	554000.0	0.12160149368264386	--
<i>Carya illinoensis</i>	Seed	130000.0	191637.0	-1.318502274810157	--
<i>Casimiroa edulis</i>	Fruit	157000.0	872222.0	0.4777486154190522	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Cassia tora</i>	Sprout Seedling		726000.0	0.8196527893704991	--
<i>Castanea mollissima</i>	Seed	490700.0	873446.0	1.3911444338557615	--
<i>Castanea dentata</i>	Seed	485700.0	864546.0	1.3557740358306156	--
<i>Castanea sativa</i>	Seed	402800.0	886160.0	1.4416724384053912	--
<i>Caulophyllum thalictroides</i>	Root	81950.0	745000.0	-1.091412875939826	--
<i>Ceiba pentandra</i>	Seed	216000.0	383000.0	-0.5579870526431923	--
<i>Cenchrus biflorus</i>	Shoot	666000.0	779000.0	1.0646710021503025	--
<i>Cenchrus biflorus</i>	Seed	623000.0	691000.0	0.6660671711483722	--
<i>Centella asiatica</i>	Leaf	70192.0	656000.0	0.35111060724486526	--
<i>Chamaemelum nobile</i>	Flower		785000.0	0.6717424349363459	--
<i>Chamissoa altissima</i>	Leaf	33700.0	686000.0	0.5896890600465644	Tramil
<i>Chenopodium album</i>	Leaf	73000.0	500000.0	-0.88949734732397	--
<i>Chenopodium ambrosioides</i>	Leaf	76000.0	524000.0	-0.6986345850826108	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Chondrus crispus	Plant		862000.0	1.2208115934036765	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Chrysanthemum parthenium	Plant		514000.0	-1.0198824234248682	--
Chrysanthemum cinerariifolium	Shoot		794000.0	1.1501787424751366	--
Chrysanthemum parthenium	Leaf	92520.0	514000.0	-0.7781607360165105	--
Chrysanthemum coronarium	Leaf	33000.0	507700.0	-0.8282622111048673	--
Chrysanthemum coronarium	Bud	43700.0	587365.0	1.0	--
Chrysobalanus icaco	Fruit	124000.0	916000.0	0.7118520791808266	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Chrysophyllum cainito	Fruit	145000.0	886000.0	0.5514266620111699	--
Cicer arietinum	Seed	606600.0	685700.0	0.6450039004142966	USDA's Ag Handbook 8 and sequelae)
Cichorium intybus	Leaf	32000.0	654000.0	0.33520537705808534	--
Cichorium endivia	Leaf	33500.0	539452.0	-0.575750776659549	--
Cichorium intybus	Root	175100.0	875500.0	0.5834772969600167	USDA's Ag Handbook 8 and sequelae)
Cimicifuga racemosa	Root	170730.0	813000.0	-0.21867316898818387	--
Cinnamomum aromaticum	Bark	798000.0	914000.0	1.2415331037573605	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cinnamomum verum	Bark	455000.0	500000.0	-2.3155236779419286	Wealth of India.
Cinnamomum verum	Plant				--
Citrullus lanatus	Seed	44000.0	48000.0	-1.8893447311177833	--
Citrullus lanatus	Fruit	3800.0	859000.0	0.4070437865584783	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Citrus mitis	Fruit		32700.0	-4.011606953684431	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Citrus reticulata	Fruit	102000.0	901914.0	0.6365269983057671	--
Citrus paradisi	Fruit	80800.0	948000.0	0.8829725241617936	--
Citrus limon	Fruit	111000.0	863000.0	0.42843384218109976	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses



Plant	Part	Low PPM	High PPM	StdDev	Reference
Citrus aurantium	Fruit	97000.0	909000.0	0.67441948184124	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Citrus sinensis	Fruit	99000.0	887125.0	0.557442615155032	--
Citrus aurantiifolia	Fruit	59000.0	895900.0	0.6043670496771566	--
Cnicus benedictus	Plant	101080.0	760000.0	0.5640564505401375	--
Cnidoscolus chayamansa	Leaf	61000.0	305000.0	-2.440257290535014	--
Coccinia grandis	Fruit	35000.0	507245.0	-1.4739709673252743	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Cocos nucifera	Seed	94000.0	331000.0	-0.7646455579586512	--
Coffea arabica	Leaf	666000.0	712000.0	0.7964570524747036	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Coffea arabica	Seed	600000.0	728000.0	0.8131126460843718	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Coix lacryma-jobi	Seed	653000.0	824000.0	1.194636040512912	--
Coix lacryma-jobi	Plant		798000.0	0.8087299351363579	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Cola acuminata	Seed	337000.0	908000.0	1.528469010637884	--
Colocasia esculenta	Leaf	48000.0	640000.0	0.22386876575062575	--
Colocasia esculenta	Root	200000.0	885000.0	0.7054041677841432	--
Colubrina texensis	Seed		673000.0	0.594531534693021	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Commelina benghalensis	Leaf	95000.0	688400.0	0.6087753362707004	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Corchorus olitorius	Leaf	58000.0	633000.0	0.16820046009689596	--
Coriandrum sativum	Leaf	73000.0	589000.0	-0.18171460401226272	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Coriandrum sativum	Fruit	549900.0	603240.0	-0.9606363699519014	USDA's Ag Handbook 8 and sequelae)
Cornus florida	Seed		733000.0	0.8329836562108582	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Corylus avellana</i>	Seed	177000.0	229000.0	-1.1700141645389746	--
<i>Crataegus laevigata</i>	Fruit	256122.0	918000.0	0.722547106992137	--
<i>Crataegus rhipidophylla</i>	Fruit		918000.0	0.722547106992137	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Crescentia alata</i>	Seed	229000.0	237000.0	-1.1382205483365961	--
<i>Crocus sativus</i>	Silk Stigma Style	436400.0	573000.0	-1.0	--
<i>Cucumis melo</i>	Fruit	83600.0	818026.0	0.1879347517881612	USDA's Ag Handbook 8 and sequelae)
<i>Cucumis sativus</i>	Fruit	29100.0	736709.0	-0.24690903647800452	--
<i>Cucurbita foetidissima</i>	Leaf		492000.0	-0.9531182680710898	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Cucurbita</i> spp	Fruit	43500.0	688300.0	-0.5057768371368682	--
<i>Cucurbita pepo</i>	Flower	32800.0	676290.0	0.08007862121719332	USDA's Ag Handbook 8 and sequelae)
<i>Cucurbita pepo</i>	Seed	60000.0	191341.0	-1.319678638609645	--
<i>Cucurbita pepo</i>	Fruit	65000.0	773809.0	-0.04851627057819577	USDA's Ag Handbook 8 and sequelae)
<i>Cuminum cyminum</i>	Seed	442000.0	570000.0	0.18518872608740047	--
<i>Cuminum cyminum</i>	Fruit	442000.0	570000.0	-1.1383877321758809	--
<i>Curcuma longa</i>	Rhizome	79000.0	829000.0	0.7177691089649727	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Cyamopsis tetragonoloba</i>	Leaf	574000.0	707000.0	0.7566939770077538	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Cyamopsis tetragonoloba</i>	Fruit		122000.0	-3.5340739619094204	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Cyamopsis tetragonoloba</i>	Shoot	697000.0	782000.0	1.0817725502152693	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Cyclanthera pedata</i>	Fruit	40000.0	719300.0	-0.3400039060615563	--
<i>Cydonia oblonga</i>	Fruit	119000.0	951000.0	0.8990150658787593	--
<i>Cynara cardunculus</i>	Flower	105000.0	755000.0	0.5084647750009713	--
<i>Cyphomandra betacea</i>	Fruit	103000.0	838000.0	0.2947459945397186	--
<i>Daucus carota</i>	Root	101000.0	850000.0	0.25619990685315086	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Dioscorea pentaphylla</i>	Root	163100.0	878770.0	0.6254458093384265	--
<i>Dioscorea villosa</i>	Root	215280.0	897000.0	0.8594170572461977	--
<i>Dioscorea bulbifera</i>	Tuber	265000.0	914900.0	1.1991538241942972	--
<i>Dioscorea</i> sp.	Root		897000.0	0.8594170572461977	--
<i>Diospyros virginiana</i>	Fruit	335000.0	941000.0	0.8455399268222071	--
<i>Diospyros digyna</i>	Fruit	128500.0	735635.0	-0.25265226641267824	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<i>Durio zibethinus</i>	Fruit	148000.0	873685.0	0.4855720282630258	--
<i>Elaeagnus umbellatus</i>	Fruit	137300.0	775930.0	-0.037174193584301046	--
<i>Elaeagnus commutata</i>	Fruit	109000.0	790000.0	0.03806532706826793	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Elaeis guineensis</i>	Fruit	105000.0	364000.0	-2.2399755967408566	--
<i>Eleocharis dulcis</i>	Tuber	161000.0	876000.0	0.7568971701849474	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Elettaria cardamomum</i>	Fruit	421000.0	778000.0	-0.026104839799594735	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Elettaria cardamomum</i>	Seed	685000.0	747000.0	0.8886224845650202	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Elytrigia repens</i>	Plant	455000.0	797000.0	0.8022911592259311	--
<i>Ephedra sinica</i>	Plant	171570.0	817000.0	0.9310666774344681	--
<i>Equisetum arvense</i>	Plant	157718.0	737000.0	0.4159646046003199	--
<i>Eriobotrya japonica</i>	Fruit	102000.0	919000.0	0.7278946208977922	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Eryngium floridanum</i>	Shoot		643400.0	0.29168102961380177	--
<i>Eryngium creticus</i>	Shoot		575200.0	-0.09709416306311083	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
<i>Erythrina fusca</i>	Leaf	117000.0	633000.0	0.16820046009689596	--
<i>Erythrina berteriana</i>	Shoot	100000.0	633000.0	0.23239566298858344	--
<i>Erythroxylum coca</i>	Leaf	424000.0	648000.0	0.28748968649774553	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Eugenia floribunda</i>	Fruit	126000.0	977000.0	1.0380504274257951	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Eugenia brasiliensis</i>	Fruit	134000.0	911565.0	0.6881358550092457	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Eugenia uniflora</i>	Fruit	79300.0	927000.0	0.770674732143034	--
<i>Euphrasia officinalis</i>	Plant	113652.0	738000.0	0.4224033805107468	--
<i>Fagopyrum esculentum</i>	Seed	650000.0	817700.0	1.169598567753539	--
<i>Feijoa sellowiana</i>	Fruit	1000000.0	625000.0	-0.8442744673648437	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<i>Ficus carica</i>	Fruit	98000.0	918143.0	0.7233118014806457	--
<i>Ficus carica</i>	Leaf	164000.0	632000.0	0.160247845003506	--
<i>Foeniculum vulgare</i>	Plant	51000.0	519000.0	-0.9876885438727339	USDA's Ag Handbook 8 and sequelae)
<i>Foeniculum vulgare</i>	Fruit	522900.0	577680.0	-1.097318825380449	--
<i>Foeniculum vulgare</i>	Seed	61884.0	573000.0	0.19711133216329232	--
<i>Fragaria spp</i>	Fruit	70200.0	850000.0	0.35891616140758126	--
<i>Frangula purshiana</i>	Bark	224093.0	809000.0	0.33938102144232346	--
<i>Fucus vesiculosus</i>	Plant	77290.0	655000.0	-0.11201502005468197	--
<i>Garcinia mangostana</i>	Fruit	143000.0	960000.0	0.9471426910296563	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<i>Genipa americana</i>	Fruit	112000.0	793200.0	0.05517737156636464	--
<i>Ginkgo biloba</i>	Seed	381000.0	838400.0	1.2518645496771927	--
<i>Gleditsia triacanthos</i>	Seed		847000.0	1.2860426870947494	--
<i>Gleditsia triacanthos</i>	Fruit	669000.0	969000.0	0.9952703161805533	--
<i>Gliricidia sepium</i>	Seed		34000.0	-1.9449835594719453	--
<i>Gliricidia sepium</i>	Leaf	119000.0	778000.0	1.3213296486384416	--
<i>Gliricidia sepium</i>	Flower	84000.0	771000.0	0.5955461936331711	--
<i>Glycine max</i>	Seed	53000.0	432000.0	-0.3632511534036252	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
Glycine max	Plant	658000.0	781000.0	0.6992707446591014	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Glycine max	Fruit	132000.0	429000.0	-1.8923871928732672	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Glycyrrhiza glabra	Root	121361.0	773000.0	-0.7320494671950322	--
Gossypium sp	Seed	500000.0	555000.0	0.12557569570794117	--
Helianthus annuus	Seed	133000.0	213000.0	-1.233601396943731	--
Helianthus tuberosus	Tuber	165000.0	847000.0	0.42719426616769435	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Hibiscus sabdariffa	Leaf	92000.0	765000.0	1.217945652424372	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Hibiscus sabdariffa	Flower	76000.0	804000.0	0.7751516195620832	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Hibiscus sabdariffa	Seed		557000.0	0.13352409975853574	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Hordeum vulgare	Seed	608000.0	868000.0	1.3695009296259926	Jim Duke's personal files.*
Hordeum vulgare	Plant	265000.0	785000.0	0.7250258483008089	Jim Duke's personal files.*
Hordeum vulgare	Stem		801000.0	0.716589328801054	--
Humulus lupulus	Flower	143220.0	770000.0	0.5901036049686585	--
Humulus lupulus	Fruit		770000.0	-0.06888495104483651	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Hydrastis canadensis	Root	227971.0	823000.0	-0.09032909443647177	--
Hylocereus undatus	Fruit	43300.0	846150.0	0.33832823287080865	--
Inga feuillei	Aril	157000.0	981250.0	1.3356800635643644	J Cell Biochem VOL. 22=1995
Inga edulis	Seed	240000.0	653950.0	0.5188229861111077	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Ipomoea batatas	Root	242800.0	925000.0	1.2187804659909915	--
Ipomoea batatas	Leaf	80000.0	620000.0	0.06481646388282636	--
Ipomoea aquatica	Leaf	31400.0	600000.0	-0.09423583798497304	--
Jatropha curcas	Seed		335000.0	-0.748748749857462	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Juglans nigra	Hull Husk		821000.0	0.5754633571792015	--
Juglans regia	Seed	110000.0	248000.0	-1.094504326058326	--
Juglans cinerea	Seed	120500.0	124664.0	-1.5846665070503922	--
Juglans nigra	Fruit		821000.0	0.2038382581435798	--
Juglans nigra	Seed	121000.0	153000.0	-1.4720535184615682	--
Juglans nigra	Pericarp	98520.0	821000.0		--
Juncus effusus	Leaf		543000.0	-0.5475348983082013	--
Juniperus communis	Fruit	226300.0	730000.0	-0.2827855072710454	--
Justicia pectoralis	Leaf	82000.0	547000.0	-0.5157244379346414	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Kalmia latifolia	Leaf		782000.0	1.3531401090120014	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Lablab purpureus	Seed	91900.0	757628.0	0.9308603036898798	--
Lablab purpureus	Fruit	100000.0	568182.0	-1.148109512456362	--
Lactuca sativa	Leaf	35000.0	583333.0	-0.22678207374650367	--
Lagenaria siceraria	Seed		83000.0	-1.7502476602323784	--
Lagenaria siceraria	Fruit	29000.0	760000.0	-0.12236009010138874	--
Larrea tridentata	Plant	257607.0	783000.0	0.7121482964799551	--
Lawsonia inermis	Seed	671700.0	746330.0	0.8859597692080711	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Lens culinaris	Sprout Seedling		221400.0	-1.9565878672727264	USDA's Ag Handbook 8 and sequelae)
Lens culinaris	Seed	597000.0	642800.0	0.474510633529043	--
Leonotis nepetaefolia	Seed	336000.0	368000.0	-0.6176000830226516	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Lepidium meyenii	Root	590000.0	750000.0	-1.02724083866397	--
Lepidium sativum	Leaf	55000.0	518870.0	-0.7394315005117013	--
Limonia acidissima	Seed	354900.0	369685.0	-0.6109035526100256	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Limonia acidissima	Fruit	74500.0	678690.0	-0.5571664457702149	--
Linum usitatissimum	Hay	801000.0	817000.0	1.0	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Linum usitatissimum	Seed	299000.0	397000.0	-0.5023482242890303	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Lobelia inflata	Leaf	94016.0	832000.0	1.7507708636815	--
Luffa aegyptiaca	Fruit	43600.0	872000.0	0.4765614673319968	--
Luffa aegyptiaca	Leaf	27000.0	804000.0	1.5280976410665807	--
Lupinus mutabilis	Fruit	90000.0	315000.0	-2.5020037781179627	--
Lupinus albus	Seed	367000.0	450370.0	-0.290245062198914	--
Lupinus mutabilis	Seed	299000.0	334000.0	-0.7527229518827593	--
Lycium chinense	Leaf	40000.0	385000.0	-1.8040480830638166	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Lycium barbarum	Fruit	580000.0	640000.0	-0.7640617587800154	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Lycium chinense	Fruit		107000.0	-3.614286670494249	Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
Lycopersicon esculentum	Fruit	43400.0	717400.0	-0.3501641824823012	--
Macadamia spp	Seed	137300.0	159000.0	-1.4482083063097846	--
Malpighia glabra	Fruit		778000.0	-0.026104839799594735	--
Malus domestica	Fruit	152250.0	948550.0	0.8859136568099041	--
Malva sylvestris	Leaf	21000.0	250000.0	-2.8776511206714623	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Malva parviflora	Leaf	64000.0	467000.0	-1.151933645405839	--
Mammea americana	Fruit	115000.0	917000.0	0.7171995930864817	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Mangifera indica	Leaf	165000.0	540000.0	-0.5713927435883712	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mangifera indica	Fruit	170000.0	929390.0	0.78345529037755	--
Manihot esculenta	Root	269200.0	854875.0	0.31876764319711054	--
Manilkara zapota	Fruit	191000.0	923000.0	0.7492846765204131	--
Maranta arundinacea	Root	295000.0	911000.0	1.0390987616185947	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Medicago sativa	Seed	401000.0	454135.0	-0.27528219157366973	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Medicago sativa	Plant	123704.0	658000.0	-0.09269869232340142	--
Melia azedarach	Plant		586000.0	-0.5562905578741347	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Melicoccus bijugatas	Fruit	135000.0	859000.0	0.4070437865584783	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Melilotus indica	Plant	643000.0	699000.0	0.17129112000409955	--
Mentha x piperita	Leaf	82993.0	557000.0	-0.43619828700074176	--
Mentha spicata	Plant	80000.0	588300.0	-0.541481373280153	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Mimosa pudica	Leaf	51000.0	689000.0	0.6135469053267343	--
Mimosa hostilis	Plant		654600.0	-0.11459053041885271	--
Mimulus glabratus	Shoot	51000.0	510000.0	-0.46876780767505666	--
Mirabilis expansa	Root	158000.0	869800.0	0.5103211744655408	--
Momordica charantia	Fruit	47000.0	763000.0	-0.10631754838442307	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Momordica charantia	Leaf	70000.0	618000.0	0.04891123369604642	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Morinda citrifolia	Leaf	86000.0	384000.0	-1.8120006981572065	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Moringa oleifera	Leaf	134000.0	536000.0	-0.6032032039619312	USDA's Ag Handbook 8 and sequelae)
Moringa oleifera	Shoot	82800.0	388000.0	-1.1642307623170411	USDA's Ag Handbook 8 and sequelae)
Moringa oleifera	Fruit	85300.0	722880.0	-0.3208598062793106	USDA's Ag Handbook 8 and sequelae)



Plant	Part	Low PPM	High PPM	StdDev	Reference
Moringa oleifera	Seed	199000.0	207290.0	-1.2562940905081785	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Morus alba	Fruit	97000.0	813000.0	0.16105814689833803	--
Morus alba	Leaf	400000.0	633000.0	0.16820046009689596	--
Mucuna pruriens	Seed	529000.0	667000.0	0.5706863225412373	--
Muntingia calabura	Fruit	179000.0	855000.0	0.38565373093585736	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Murraya koenigii	Leaf	141000.0	665000.0	0.422684143085375	--
Murraya sp	Fruit	318000.0	918432.0	0.7248572329993801	--
Musa x paradisiaca	Pith		97000.0	-1.0	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Musa x paradisiaca	Flower		50000.0	-3.328560233480333	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Musa x paradisiaca	Fruit	318000.0	918432.0	0.7248572329993801	USDA's Ag Handbook 8 and sequelae)
Musa x paradisiaca	Leaf		695000.0	0.6612625958870741	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Musa x paradisiaca	Hull Husk		631000.0	-1.406495033105663	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Musa x paradisiaca	Shoot	39000.0	527000.0	-0.3718590353069113	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.
Musa x paradisiaca	Sprout Seedling		810000.0	1.2818093790614047	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Myrciaria dubia	Fruit	45000.0	933335.0	0.8045512327353598	--
Myrciaria cauliflora	Fruit	125800.0	836000.0	0.2840509667284081	--
Myrica cerifera	Bark	189660.0	870000.0	0.8634884216443927	--
Myrica cerifera	Seed		743000.0	0.8727256764638311	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
Myrica cerifera	Leaf		743000.0	1.0429881203697926	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Myristica fragrans	Aril		478000.0	-0.26538621350296304	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Myristica fragrans	Seed		285000.0	-0.9474588511223264	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Nasturtium officinale	Herb	12900.0	25800.0	-1.0	--
Nelumbo nucifera	Fruit	666000.0	740000.0	-0.2293103682144932	--
Nelumbo nucifera	Seed	139000.0	762000.0	0.9482355149444796	--
Nelumbo nucifera	Rhizome	120000.0	824880.0	0.6878082293275205	--
Nicotiana tabacum	Leaf	250000.0	500000.0	-0.88949734732397	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Nigella sativa	Seed		339600.0	-0.7304674205410945	--
Ocimum basilicum	Leaf	70000.0	610000.0	-0.014709687051073339	--
Ocimum tenuiflorum	Plant	479800.0	711500.0	0.2517758188844352	--
Oenothera biennis	Plant	460000.0	671000.0	-0.00899460548785233	--
Olea europaea	Twig		765000.0		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Olea europaea	Leaf		735000.0	0.9793671996226729	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Olea europaea	Fruit	13000.0	60000.0	-3.8656198240600443	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Opuntia ficus-indica	Seed	482000.0	558000.0	0.13749830178383302	--
Opuntia ficus-indica	Fruit	56000.0	892000.0	0.5835117454451012	--
Opuntia ficus-indica	Bud		118600.0	-1.0	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Origanum vulgare	Plant	644300.0	693911.0	0.13852418939593727	USDA's Ag Handbook 8 and sequelae)
Origanum majorana	Plant	605600.0	654050.0	-0.11813185716958748	USDA's Ag Handbook 8 and sequelae)
Oryza sativa	Seed	734000.0	892000.0	1.4648817782331274	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Oryza sativa	Plant	420000.0	478000.0	-1.251678356200235	--
Oxalis tuberosa	Root	138000.0	852000.0	0.2818687217634933	--
Pachira macrocarpa	Seed	359000.0	37900.0	-1.929484171573286	--
Pachyrhizus erosus	Tuber	87500.0	806450.0	-0.0338213461736715	--
Panax quinquefolius	Plant		700000.0	0.1777298959145264	--
Panax ginseng	Root	176808.0	834000.0	0.050849387570411526	--
Panicum maximum	Leaf	672000.0	827000.0	1.7110077882145502	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Papaver somniferum	Seed	236900.0	254130.0	-1.0701424676432536	--
Passiflora ligularis	Fruit	123000.0	730000.0	-0.2827855072710454	--
Passiflora quadrangularis	Seed	176000.0	815000.0	1.1588682222852362	--
Passiflora foetida	Fruit	152000.0	844445.0	0.3292107216616665	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Passiflora quadrangularis	Fruit	43000.0	768000.0	-0.07957997885614695	--
Passiflora mollissima	Fruit	63000.0	787500.0	0.024696542304129876	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
Passiflora edulis	Fruit	212000.0	851000.0	0.3642636753132365	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Passiflora incarnata	Fruit	210000.0	764000.0	-0.10097003447876784	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Pastinaca sativa	Root	17500.0	902000.0	0.9235890945220537	--
Peperomia pelucida	Leaf	59000.0	756400.0	1.1495531626212183	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Peperomia pereskiaifolia	Leaf	80000.0	533335.0	-0.6243969231858154	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Pereskia aculeata	Fruit	21000.0	814000.0	0.16640566080399327	--
Perilla frutescens	Plant		80000.0	-3.814311168550122	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
Perilla frutescens	Leaf		571000.0	-0.32486167569328217	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Perilla frutescens	Seed	69000.0	585000.0	0.24480175646685978	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Persea americana	Fruit	8000.0	629000.0	-0.8228844117422228	--
Petasites japonicus	Pt	19000.0	656360.0	-0.9732767393540686	--
Petroselinum crispum	Plant	69100.0	590805.0	-0.5253522396245337	--
Phaseolus acutifolius	Seed	590000.0	742000.0	0.8687514744385338	--
Phaseolus vulgaris	Leaf	66000.0	500000.0	-0.88949734732397	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phaseolus lunatus	Seed	201000.0	731000.0	0.8250352521602637	--
Phaseolus coccineus	Seed	463000.0	709000.0	0.7376028076037233	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phaseolus vulgaris	Sprout Seedling	41000.0	440860.0	-0.7491487580636056	USDA's Ag Handbook 8 and sequelae)
Phaseolus acutifolius	Hay	376000.0	666000.0	-1.0	--
Phaseolus vulgaris	Fruit	56000.0	733778.0	-0.26258259973548	--
Phaseolus lunatus	Leaf	17000.0	674000.0	0.49425767892588474	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phaseolus coccineus	Fruit	298000.0	463000.0	-1.7105717200809898	--
Phaseolus vulgaris	Seed	278000.0	701039.0	0.7059641852803317	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phaseolus acutifolius	Fruit		436000.0	-1.8549545955336808	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Phaseolus lunatus	Sprout Seedling	200000.0	556000.0	-0.11566411833728583	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phaseolus lunatus	Fruit		766000.0	-0.0902750066674574	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phoenix dactylifera	Fruit	366100.0	948500.0	0.8856462811146213	USDA's Ag Handbook 8 and sequelae)
Phoenix dactylifera	Seed	655000.0	853000.0	1.3098878992465333	--
Phoradendron serotinum	Leaf		467000.0	-1.151933645405839	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Phragmites australis	Shoot		431000.0	-0.9191085733858498	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Phragmites australis	Rhizome		508000.0	-1.616561561817104	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Phyllanthus acidus	Fruit	52000.0	832000.0	0.26266091110578726	--
Phyllanthus emblica	Fruit	141000.0	952000.0	0.9043625797844146	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Physalis peruviana	Fruit	110000.0	929000.0	0.7813697599543444	--
Physalis ixocarpa	Fruit	40500.0	771000.0	-0.0635374371391813	--
Physalis angulata	Fruit	45000.0	450000.0	-1.7800894008545076	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Phytelephas macrocarpa	Seed		916000.0	1.5602626268402622	--
Phytelephas aequatorialis	Flower	165000.0	565070.0	-0.5252460900498856	KOZIOL & PEDERSEN. 1993. PHYTELEPHAS AEQUATORIALIS(ARECACEAE) IN HUMAN AND ANIMAL NUTRITION. ECON. BOT. 47:401-307.
Phytelephas aequatorialis	Seed	95600.0	777870.0	1.0113061010859477	KOZIOL & PEDERSEN. 1993. PHYTELEPHAS AEQUATORIALIS(ARECACEAE) IN HUMAN AND ANIMAL NUTRITION. ECON. BOT. 47:401-307.
Phytelephas aequatorialis	Mesocarp	114200.0	406045.0		KOZIOL & PEDERSEN. 1993. PHYTELEPHAS AEQUATORIALIS(ARECACEAE) IN HUMAN AND ANIMAL NUTRITION. ECON. BOT. 47:401-307.
Phytolacca americana	Shoot	37000.0	441000.0	-0.8621034131692937	--
Pimenta dioica	Plant	749000.0	757000.0	0.544740122808857	--
Pimpinella anisum	Fruit	509000.0	552000.0	-1.234642982477675	--
Pimpinella anisum	Seed	453000.0	552000.0	0.1136530896320493	--
Pinus pinea	Seed	116000.0	152415.0	-1.474378426646367	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Pinus gerardiana</i>	Seed	216000.0	233500.0	-1.1521302554251367	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Pinus cembroides</i>	Seed	168000.0	212000.0	-1.2375755989690282	USDA's Ag Handbook 8 and sequelae)
<i>Pinus edulis</i>	Seed	131700.0	205100.0	-1.2649975929435797	--
<i>Piper nigrum</i>	Fruit		648100.0	-0.7207468961442081	--
<i>Piper betel</i>	Leaf	61000.0	418000.0	-1.5416117849819475	--
<i>Piper auritum</i>	Leaf	82500.0	567000.0	-0.35667213606684206	--
<i>Pistacia vera</i>	Seed	190000.0	258088.0	-1.054412576027127	--
<i>Pisum sativum</i>	Plant	296000.0	506000.0	-1.071392630708283	--
<i>Pisum sativum</i>	Fruit	75600.0	747774.0	-0.18773879511192948	--
<i>Pisum sativum</i>	Seed	144600.0	684000.0	0.6382477569712912	--
<i>Plantago psyllium</i>	Seed	201868.0	926000.0	1.6000046470932352	--
<i>Plantago psyllium</i>	Hull Husk		845500.0	0.8310316759264603	--
<i>Platonia insignis</i>	Fruit	250000.0	833335.0	0.269799842169837	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Platycodon grandiflorum</i>	Root	710000.0	937000.0	1.372793355453046	--
<i>Plectranthus amboinicus</i>	Leaf	31000.0	553570.0	-0.46347575677106934	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Polygonum multiflorum</i>	Root		735000.0	-1.2197569504915382	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Polymnia edulis</i>	Root	81000.0	856000.0	0.3332063515841781	--
<i>Portulaca oleracea</i>	Herb	35500.0	632000.0	1.0	--
<i>Pothomorphe sp.</i>	Leaf	82000.0	458000.0	-1.2235071812463487	--
<i>Pourouma cecropiaefolia</i>	Fruit	179000.0	994445.0	1.1313378075099505	J Cell Biochem VOL. 22=1995
<i>Pouteria viridis</i>	Fruit	286000.0	905065.0	0.6533770146224867	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Pouteria campechiana</i>	Fruit	363000.0	926000.0	0.7653272182373788	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pouteria caimito	Fruit	363000.0	926000.0	0.7653272182373788	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Prosopis juliflora	Seed		218000.0	-1.2137303868172447	--
Prosopis juliflora	Leaf		696000.0	0.6692152109804641	--
Prosopis juliflora	Fruit		783000.0	6.327297286813745E-4	--
Prunus domestica	Fruit	130100.0	879054.0	0.5142828304224887	USDA's Ag Handbook 8 and sequelae)
Prunus armeniaca	Fruit	111200.0	873000.0	0.48190898123765197	USDA's Ag Handbook 8 and sequelae)
Prunus persica	Fruit	111000.0	910000.0	0.6797669957468953	--
Prunus cerasus	Fruit	103000.0	876960.0	0.5030851363040467	--
Prunus dulcis	Seed	204000.0	213284.0	-1.2324727235685466	USDA's Ag Handbook 8 and sequelae)
Prunus armeniaca	Seed		140000.0	-1.523718144790433	--
Psidium guajava	Fruit	95000.0	901000.0	0.6316393705959982	--
Psidium cattleianum	Fruit	145000.0	939000.0	0.8348448990108966	--
Psophocarpus tetragonolobus	Leaf	141000.0	609071.0	-0.022097666472832622	--
Psophocarpus tetragonolobus	Tuber	281000.0	659624.0	-1.7030957801473678	--
Psophocarpus tetragonolobus	Seed	43100.0	455051.0	-0.2716418225184974	--
Pteridium aquilinum	Leaf	56000.0	643678.0	0.2531184840641141	--
Pteridium aquilinum	Rhizome	510000.0	566666.0	-1.189938997542645	--
Pueraria montana	Root	271000.0	885350.0	0.7098962103934531	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Punica granatum	Fruit	162000.0	927000.0	0.770674732143034	--
Pyrus communis	Fruit	151000.0	933292.0	0.8043212896374167	--
Quararibea cordata	Fruit	199000.0	995000.0	1.134305677727589	J Cell Biochem VOL. 22=1995
Quercus alba	Seed		596200.0	0.28931281915018936	--
Quercus alba	Flower		596200.0	-0.35581830492361183	--
Quercus alba	Bark	176700.0	775000.0	0.04725558526412099	--
Quisqualis indica	Seed	486000.0	519786.0	-0.014371854410877512	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Raphanus sativus	Leaf	57000.0	496000.0	-0.92130780769753	--
Raphanus sativus	Fruit	54000.0	701000.0	-0.43786341053504685	--
Raphanus sativus	Root	36000.0	757000.0	-0.9373999864777716	--
Rheum rhabarbarum	Leaf	41000.0	683000.0	0.5658312147663944	--
Rheum rhabarbarum	Pt	37000.0	774000.0	1.3752042318809758	--
Rhizophora mangle	Leaf	732000.0	770000.0	1.257708727891322	--
Rhynchosia minima	Shoot		508000.0	-0.4801688397183678	--
Ribes uva-crispa	Fruit	101800.0	839239.0	0.3013715642688254	--
Ribes rubrum	Fruit	138000.0	859740.0	0.4110009468486631	--
Ribes nigrum	Fruit	153800.0	852050.0	0.3698785649141745	USDA's Ag Handbook 8 and sequelae)
Ricinus communis	Seed	31000.0	70000.0	-1.8019122865612431	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Ricinus communis	Leaf		574000.0	-0.30100383041311224	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Robinia pseudoacacia	Leaf	350000.0	465000.0	-1.167838875592619	--
Robinia pseudoacacia	Seed	204000.0	466000.0	-0.2281282845435174	--
Rosa canina	Fruit	145673.0	779000.0	-0.020757325893939513	--
Rosmarinus officinalis	Plant	207000.0	704660.0	0.20773459165711552	USDA's Ag Handbook 8 and sequelae)
Rubus idaeus	Fruit	115700.0	865370.0	0.44110745013750263	Revised USDA data received 1993.
Rubus idaeus	Leaf	133510.0	790000.0	1.4167610297591213	--
Rumex crispus	Leaf	41000.0	554000.0	-0.46005613228091163	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Rumex acetosa	Leaf	26000.0	560000.0	-0.4123404417205718	--
Rumex crispus	Root	142378.0	554000.0	-3.5427846998775268	--
Salix alba	Bark	132552.0	789000.0	0.1675425295727926	--
Salvia officinalis	Leaf	103620.0	660000.0	0.38292106761842515	--



Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Sambucus canadensis</i>	Fruit	184000.0	910800.0	0.6840450068714193	USDA's Ag Handbook 8 and sequelae)
<i>Sanguisorba minor</i>	Plant	616000.0	804000.0	0.847362590598919	--
<i>Santalum acuminatum</i>	Fruit	193000.0	828325.0	0.24300879750250431	--
<i>Satureja hortensis</i>	Plant		755000.0	0.5318625709880033	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Schisandra chinensis</i>	Fruit		709000.0	-0.39508329928980507	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
<i>Sclerocarya caffra</i>	Seed	92000.0	96000.0	-1.6985830339035137	--
<i>Sclerocarya caffra</i>	Fruit	75000.0	904000.0	0.6476819123129639	--
<i>Scutellaria lateriflora</i>	Plant	106860.0	780000.0	0.6928319687486746	--
<i>Secale cereale</i>	Seed	697600.0	824720.0	1.197497465971126	--
<i>Secale cereale</i>	Leaf		848850.0	1.884772428005121	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Sechium edule</i>	Fruit	54000.0	771430.0	-0.061238006159749545	--
<i>Senna obtusifolia</i>	Seed	665000.0	689000.0	0.6581187670977776	--
<i>Senna alexandrina</i>	Leaf	124845.0	615000.0	0.02505338841587651	--
<i>Sesamum indicum</i>	Seed	93900.0	245990.0	-1.1024924721291736	--
<i>Sesamum indicum</i>	Leaf		593000.0	-0.14990414363870283	--
<i>Sicana odorifera</i>	Fruit	111000.0	880950.0	0.524421716787611	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Sida rhombifolia</i>	Leaf	94000.0	475000.0	-1.0883127246587192	--
<i>Simmondsia chinensis</i>	Seed	246000.0	291000.0	-0.9236136389705426	--
<i>Sinapis alba</i>	Seed	208000.0	373858.0	-0.59431920755846	--
<i>Solanum sessiliflorum</i>	Fruit	57000.0	570000.0	-1.1383877321758809	Morton, J.F., Major Medicinal Plants. 1977. Atlas of Medicinal Plants of Middle America. Bahamas to Yucatan. 1981.
<i>Solanum torvum</i>	Fruit	107000.0	733000.0	-0.2667429655540797	--
<i>Solanum melongena</i>	Fruit	56000.0	811000.0	0.1503631190870276	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Solanum quitoensis	Fruit	68000.0	838000.0	0.2947459945397186	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Solanum nigrum	Leaf	64000.0	560000.0	-0.4123404417205718	--
Solanum tuberosum	Tuber	171000.0	862000.0	0.5977302510042045	--
Solanum melongena	Leaf	66000.0	485000.0	-1.0087865737248196	--
Sonchus oleraceus	Leaf	30000.0	488000.0	-0.9849287284446496	--
Sophora japonica	Seed		668000.0	0.5746605245665346	--
Sophora secundiflora	Seed	731000.0	780000.0	1.0197711513998307	--
Spartium junceum	Stem	403000.0	800000.0	0.6975816542970472	--
Sphenostylis stenocarpa	Root	304000.0	864000.0	0.4358816112255478	--
Sphenostylis stenocarpa	Seed	674000.0	744000.0	0.8766998784891284	--
Spinacia oleracea	Plant	35000.0	415660.0	-1.6530716464562447	USDA's Ag Handbook 8 and sequelae)
Spirulina pratensis	Plant		245000.0	-2.7519131433296913	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Spondias pinnata	Fruit	55000.0	567000.0	-1.1544302738928467	--
Spondias mombin	Fruit	106000.0	883000.0	0.5353841202942042	--
Spondias dulcis	Fruit	116000.0	947000.0	0.8776250102561385	--
Spondias purpurea	Fruit	220000.0	924000.0	0.7546321904260683	--
Stellaria media	Plant	49966.0	602000.0	-0.45327014330730514	--
Sterculia urens	Seed		280000.0	-0.9673298612488128	--
Symphytum officinale	Leaf	83490.0	759000.0	1.1702299618640322	--
Symphytum officinale	Root		759000.0	-0.9117311715674291	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Syzygium jambos	Fruit	142000.0	966665.0	0.9827838712108484	--
Syzygium aromaticum	Bark	555000.0	612000.0	-1.3532281234725556	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Syzygium cumini	Fruit	129000.0	914000.0	0.7011570513695161	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Syzygium malaccense	Fruit	59000.0	966665.0	0.9827838712108484	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tabebuia heptaphylla	Bark	146064.0	816000.0	0.39952449359665926	--
Tamarindus indica	Leaf	706000.0	750000.0	1.0986564260235225	--
Tamarindus indica	Fruit	625000.0	925000.0	0.7599797043317236	--
Tamarindus indica	Seed	651000.0	740000.0	0.8608030703879392	--
Tamarindus indica	Flower		750000.0	0.4812518316784088	--
Tanacetum parthenium	Plant		514000.0	-1.0198824234248682	Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Taraxacum officinale	Root	107107.0	749000.0	-1.0400752461191412	--
Taraxacum officinale	Leaf	37000.0	639000.0	0.2159161506572358	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Tephrosia purpurea	Leaf	654000.0	748000.0	1.0827511958367426	--
Terminalia catappa	Seed	149000.0	179000.0	-1.3687242658038388	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Terminalia bellirica	Leaf		787000.0	1.3929031844789515	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Tetragonia tetragonioides	Leaf	25000.0	416665.0	-1.552228526131623	--
Tetrapanax papyrifera	Pith		436000.0	1.0	--
Theobroma cacao	Seed	347000.0	445000.0	-0.3115865270747604	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Theobroma cacao	Fruit	343000.0	816665.0	0.18065678536256444	J Cell Biochem VOL. 22=1995
Theobroma speciosum	Fruit	422000.0	844000.0	0.3268310779736499	J Cell Biochem VOL. 22=1995
Theobroma angustifolium	Seed	141500.0	554542.0	0.123755511180355	--
Thymus vulgaris	Plant	639400.0	690552.0	0.11689634111281348	USDA's Ag Handbook 8 and sequelae)
Thymus vulgaris	Leaf	116424.0	693000.0	0.6453573657002941	--
Tilia sp.	Fruit	232000.0	727000.0	-0.2988280489880111	--
Tilia sp.	Leaf	575000.0	653000.0	0.3272527619646954	--
Trachyspermum ammi	Fruit	246000.0	265658.0	-2.765860809250803	--
Tragopogon porrifolius	Root	186000.0	888000.0	0.7439073901496568	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Tribulus terrestris	Leaf	146000.0	686000.0	0.5896890600465644	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Trichosanthes anguina	Fruit	41000.0	759250.0	-0.12637072553063014	--
Tridax procumbens	Leaf		408000.0	-1.6211379359158473	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Trifolium pratense	Flower	137340.0	763000.0	0.5520054843170712	--
Trifolium pratense	Shoot		743000.0	0.8594524253707005	Laferriere, J.E., 1988, Nutricomp Program, Nutricomp Database; reviewed in J. Ethnobiology 9(1):27-29.
Trigonella foenum-graecum	Seed	76830.0	591000.0	0.2686469686186435	--
Triticum aestivum	Seed		610000.0	0.344156807099292	--
Tropaeolum tuberosum	Root	59000.0	786000.0	-0.5652021702778065	--
Tropaeolum majus	Shoot	92000.0	671500.0	0.4518655298223244	--
Turnera diffusa	Leaf	154980.0	738000.0	1.0032250449028428	--
Ulex europaeus	Plant	43000.0	852000.0	1.156423834299408	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Ullucus tuberosus	Root	118000.0	912500.0	1.0583503728013515	--
Ulmus rubra	Bark	134316.0	819000.0	0.4253002673770889	--
Urtica dioica	Leaf		396000.0	-1.7165693170365268	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Vaccinium corymbosum	Fruit	141300.0	918130.0	0.7232422837998722	--
Vaccinium macrocarpon	Fruit	100000.0	942050.0	0.851154816423145	--
Valeriana officinalis	Root	88500.0	750000.0	-1.02724083866397	--
Valerianella locusta	Plant	36000.0	500000.0	-1.1100252861708442	--
Vanilla planifolia	Fruit	305000.0	628000.0	-0.8282319256478781	--
Verbascum thapsus	Leaf	353320.0	803000.0	1.5201450259731908	--
Vetiveria zizanioides	Leaf	450000.0	474000.0	-1.0962653397521092	--
Vicia faba	Seed	117000.0	615790.0	0.36716743682576325	USDA's Ag Handbook 8 and sequelae)

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vigna unguiculata	Seed	218000.0	681771.0	0.6293892606569036	USDA's Ag Handbook 8 and sequelae)
Vigna mungo	Plant		757000.0	0.544740122808857	--
Vigna aconitifolia	Seed	615200.0	681134.0	0.6268576939667891	--
Vigna subterranea	Seed	300000.0	703000.0	0.7137575954519396	--
Vigna aconitifolia	Fruit		731000.0	-0.27743799336539016	--
Vigna radiata	Sprout Seedling	59300.0	622899.0	0.2524050923023795	USDA's Ag Handbook 8 and sequelae)
Vigna radiata	Seed	626200.0	688510.0	0.656171408105382	USDA's Ag Handbook 8 and sequelae)
Vigna mungo	Fruit		765000.0	-0.09562252057311263	--
Vigna unguiculata	Shoot	48200.0	471624.0	-0.6875308105221123	--
Vigna aconitifolia	Plant	700000.0	737000.0	0.4159646046003199	--
Vigna unguiculata	Seed	619000.0	676095.0	0.6068316899613161	USDA's Ag Handbook 8 and sequelae)
Vigna subterranea	Plant		748000.0	0.4867911396150153	--
Vigna unguiculata	Shoot	48200.0	471624.0	-0.6875308105221123	USDA's Ag Handbook 8 and sequelae)
Vigna mungo	Seed	594000.0	660000.0	0.5428669083641563	--
Vigna angularis	Seed	629000.0	726664.0	0.8078031121785747	--
Vigna unguiculata	Fruit	83500.0	687243.0	-0.5114291593351458	USDA's Ag Handbook 8 and sequelae)
Vigna aconitifolia	Leaf		738000.0	1.0032250449028428	--
Vigna subterranea	Fruit		709000.0	-0.39508329928980507	--
Vitellaria paradoxa	Seed		382000.0	-0.5619612546684896	--
Vitis vinifera	Fruit	177700.0	914095.0	0.7016650651905534	USDA's Ag Handbook 8 and sequelae)
Xanthosoma sagittifolium	Root	17000.0	976000.0	1.8733352462047246	--
Xanthosoma sagittifolium	Leaf	53000.0	553000.0	-0.46800874737430165	--
Yucca baccata	Root	170144.0	818000.0	-0.15450113171232782	--
Zea mays	Seed	190209.0	838000.0	1.250274868867074	--
Zea mays	Silk Stigma Style		825000.0	1.0	--
Zingiber officinale	Rhizome	92000.0	823240.0	0.675882053937855	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Zingiber officinale	Root	47390.0	677000.0	-1.9641525828914683	--
Zizyphus jujuba	Shoot	753000.0	789000.0	1.1216761623668587	--
Zizyphus jujuba	Fruit	145000.0	926000.0	0.7653272182373788	--
Zizyphus jujuba	Seed	748000.0	950000.0	1.69538549570037	--
Zizyphus spina-christi	Fruit	806000.0	889000.0	0.5674692037281356	--
Zizyphus jujuba	Leaf	72000.0	753000.0	1.1225142713036924	--