

Dr. Duke's Phytochemical and Ethnobotanical Database

List of Plants for MUFA

Plant	Part	Low PPM	High PPM	StdDev	Reference
Abelmoschus esculentus	Fruit	170	1700	-0.22925702420668695	USDA's Ag Handbook 8 and sequelae)
Allium cepa	Bulb	230	2230		USDA's Ag Handbook 8 and sequelae)
Allium schoenoprasum	Leaf	840	10500	0.2923626056480234	USDA's Ag Handbook 8 and sequelae)
Anacardium occidentale	Seed	273170	286115	1.2782320665688478	--
Ananas comosus	Fruit	480	3556	-0.2022365513065334	USDA's Ag Handbook 8 and sequelae)
Apium graveolens	Pt	270	5035		USDA's Ag Handbook 8 and sequelae)
Arachis hypogaea	Seed	223280	261265	1.0984598038157434	USDA's Ag Handbook 8 and sequelae)
Artocarpus altilis	Seed	7120	18280	-0.6593656796878006	USDA's Ag Handbook 8 and sequelae)
Asparagus officinalis	Shoot	70	903	-1.4142135623730951	--
Benincasa hispida	Fruit	370	9485	-0.11591953415943726	--
Bertholletia excelsa	Seed	230160	238125	0.9310581877148646	USDA's Ag Handbook 8 and sequelae)
Beta vulgaris	Root	270	2219	-0.042210550390970464	USDA's Ag Handbook 8 and sequelae)
Borago officinalis	Seed	74750	220225	0.8015642841623266	J. Pharm. Belg. 43:359-363. 1988.
Brassica napus var. napobrassica	Root	250	2500	0.07398045035870428	USDA's Ag Handbook 8 and sequelae)
Brassica oleracea	Stem	70	780		--
Brassica oleracea var. botrytis l.	Flower	120	1550	0.46291004988627577	--
Brassica oleracea var. sabellica l.	Leaf	520	3345	-0.4028010683812442	--
Brassica rapa	Root	60	740	-0.6537638959737779	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Cajanus cajan	Seed	120	135	-0.790631985830862	--
Carica papaya	Fruit	380	3402	-0.2044785517519125	USDA's Ag Handbook 8 and sequelae)
Carum carvi	Seed	71250	79085	-0.21948429390500326	Revised USDA data received 1993.
Cicer arietinum	Seed	13580	15350	-0.6805621678112048	USDA's Ag Handbook 8 and sequelae)
Cichorium endivia	Leaf	40	644	-0.6652241408554652	--
Cichorium intybus	Leaf	20	365	-0.692331152044028	USDA's Ag Handbook 8 and sequelae)
Cichorium intybus	Root	40	200	-0.8770490931439714	USDA's Ag Handbook 8 and sequelae)
Cocos nucifera	Seed	14250	26880	-0.5971507316122795	USDA's Ag Handbook 8 and sequelae)
Colocasia esculenta	Leaf	600	4185	-0.32118856157696957	--
Colocasia esculenta	Root	160	454	-0.7720223522528064	--
Corchorus olitorius	Leaf	170	1385	-0.5932302509245516	--
Cucumis sativus	Fruit	30	759	-0.2429565204346204	--
Cucurbita pepo	Flower	90	1855	0.9258200997725515	USDA's Ag Handbook 8 and sequelae)
Cucurbita pepo	Fruit	130	1548	-0.23146990776316503	USDA's Ag Handbook 8 and sequelae)
Cucurbita pepo	Seed	142580	153180	0.31654088954333737	USDA's Ag Handbook 8 and sequelae)
Cucurbita spp	Fruit	160	2530	-0.21717351531276052	--
Cynara cardunculus	Flower	50	330	-1.3887301496588274	USDA's Ag Handbook 8 and sequelae)
Daucus carota	Root	80	655	-0.6889106399727899	--
Dioscorea pentaphylla	Root	40	215	-0.8708467265559104	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Elettaria cardamomum	Fruit	8700	9455	-0.11635628749295267	Revised USDA data received 1993.
Ficus carica	Fruit	660	3159	-0.20801625375338736	USDA's Ag Handbook 8 and sequelae)
Fragaria spp	Fruit	520	6168	-0.16420989440179143	USDA's Ag Handbook 8 and sequelae)
Ginkgo biloba	Seed	6190	13815	-0.6916668126130565	USDA's Ag Handbook 8 and sequelae)
Glycine max	Seed	44040	48150	-0.4432772495696827	USDA's Ag Handbook 8 and sequelae)
Helianthus annuus	Seed	94620	100000	-0.06817898704459366	--
Ipomoea batatas	Root	110	405	-0.7922834164404721	--
Juglans cinerea	Seed	104250	107852	-0.011375292592385388	--
Juglans nigra	Seed	127270	133070	0.17105919119464807	USDA's Ag Handbook 8 and sequelae)
Juglans regia	Seed	141750	147720	0.27704163181166935	USDA's Ag Handbook 8 and sequelae)
Lactuca sativa	Leaf	120	2000	-0.5334782370142791	--
Lens culinaris	Seed	1630	1835	-0.7783336821415149	USDA's Ag Handbook 8 and sequelae)
Lens culinaris	Sprout Seedling	1040	3465	0.18274126285569006	USDA's Ag Handbook 8 and sequelae)
Lepidium sativum	Leaf	2390	22545	1.462627658573604	--
Luffa aegyptiaca	Fruit	370	7400	-0.14627389083875847	--
Lupinus albus	Seed	39400	43990	-0.473371922127144	--
Macadamia spp	Seed	581710	598340	3.5369602250432144	USDA's Ag Handbook 8 and sequelae)
Malus domestica	Fruit	150	935	-0.24039423421132997	USDA's Ag Handbook 8 and sequelae)
Mangifera indica	Fruit	1010	5522	-0.17361464951682332	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Manihot esculenta	Root	1040	3300	0.4047733350552872	--
Mentha spicata	Leaf	250	1730	-0.5597108284870816	USDA's Ag Handbook 8 and sequelae)
Mentha x piperita	Leaf	330	1545	-0.5776850115332612	USDA's Ag Handbook 8 and sequelae)
Musa x paradisiaca	Fruit	410	1593	-0.23081477776289192	USDA's Ag Handbook 8 and sequelae)
Nelumbo nucifera	Rhizome	200	955	-1	--
Nelumbo nucifera	Seed	1040	3152	-0.7688061139304148	--
Pastinaca sativa	Root	1120	5470	1.3020490347947684	--
Persea americana	Fruit	96080	373400	5.18211677804928	--
Phaseolus lunatus	Seed	500	1680	-0.7794549980661318	--
Phaseolus vulgaris	Fruit	50	514	-0.24652333932499626	USDA's Ag Handbook 8 and sequelae)
Phaseolus vulgaris	Seed	1230	1382	-0.7816108183599115	USDA's Ag Handbook 8 and sequelae)
Phaseolus vulgaris	Sprout Seedling	390	4194	1.1231063025389685	USDA's Ag Handbook 8 and sequelae)
Pinus edulis	Seed	229420	243800	0.9721128191484206	USDA's Ag Handbook 8 and sequelae)
Pinus pinea	Seed	190760	204435	0.6873347457771549	USDA's Ag Handbook 8 and sequelae)
Pistacia vera	Seed	326680	339831	1.6668295259670671	--
Pisum sativum	Fruit	210	2077	-0.22376849064884324	--
Pisum sativum	Seed	350	1656	-0.7796286211770402	--
Prunus armeniaca	Fruit	170	1245	-0.2358811164316707	USDA's Ag Handbook 8 and sequelae)
Prunus domestica	Fruit	4060	27432	0.14536086839393333	USDA's Ag Handbook 8 and sequelae)

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Prunus dulcis	Seed	339020	354615	1.7737813622866605	USDA's Ag Handbook 8 and sequelae)
Prunus persica	Fruit	340	2755	-0.2138978653113949	--
Psidium cattleianum	Fruit	550	2845	-0.21258760531084867	--
Psidium guajava	Fruit	550	3955	-0.1964277319707784	USDA's Ag Handbook 8 and sequelae)
Psophocarpus tetragonolobus	Leaf	2850	12312	0.46841244175438723	--
Psophocarpus tetragonolobus	Seed	2500	65590	-0.3171111223095563	--
Psophocarpus tetragonolobus	Tuber	2340	5493	1	--
Pyrus communis	Fruit	840	5188	-0.1784771699632949	--
Raphanus sativus	Root	170	3295	0.40270587952593356	--
Rosmarinus officinalis	Leaf	11600	35990	2.7689135561729756	USDA's Ag Handbook 8 and sequelae)
Rubus idaeus	Fruit	530	3965	-0.19628214752627327	Revised USDA data received 1993.
Secale cereale	Seed	3030	3400	-0.7670120084510276	USDA's Ag Handbook 8 and sequelae)
Solanum melongena	Fruit	90	1152	-0.23723505176556847	--
Solanum tuberosum	Tuber	20	95	-1	--
Tamarindus indica	Fruit	1810	2640	-0.215572086423204	USDA's Ag Handbook 8 and sequelae)
Tetragonia tetragonioides	Leaf	50	835	-0.6466670113321124	--
Vicia faba	Seed	170	895	-0.7851339206520951	USDA's Ag Handbook 8 and sequelae)
Vigna aconitifolia	Seed	1290	1428	-0.7812780407306703	--
Vigna radiata	Seed	1610	1770	-0.7788039114002252	USDA's Ag Handbook 8 and sequelae)

Plant	Part	Low PPM	High PPM	StdDev	Reference
Vigna radiata	Sprout Seedling	220	2311	-1.305847565394658	USDA's Ag Handbook 8 and sequelae)
Vigna unguiculata	Fruit	360	2963	-0.21086970886568804	USDA's Ag Handbook 8 and sequelae)
Vigna unguiculata	Seed	1140	1245	-0.7826019169513472	USDA's Ag Handbook 8 and sequelae)
Vigna unguiculata	Shoot	220	2153	0.7071067811865472	--
Vigna unguiculata	Seed	710	2139	-0.7761344560700081	USDA's Ag Handbook 8 and sequelae)
Vigna unguiculata	Shoot	220	2153	0.7071067811865472	USDA's Ag Handbook 8 and sequelae)
Vitis vinifera	Fruit	230	1183	-0.23678373998760255	USDA's Ag Handbook 8 and sequelae)
Zingiber officinale	Rhizome	1540	8400	1	--
Zingiber officinale	Root	1540	8400	2.513577974996003	USDA's Ag Handbook 8 and sequelae)