

List of Plants



Chemid

MUFA

Dosage

LD50=230 (ivn mus)

LDlo=50 (ivn cat)

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Part	Low PPM	High PPM	StdDev	*Reference
Abelmoschus esculentus	Fruit	170.0	1700.0	-0.23	USDA's Ag Handbook 8 and sequelae)
Allium schoenoprasum	Leaf	840.0	10500.0	0.29	USDA's Ag Handbook 8 and sequelae)
Allium cepa	Bulb	230.0	2230.0		USDA's Ag Handbook 8 and sequelae)
Anacardium occidentale	Seed	273170.0	286115.0	1.28	*
Ananas comosus	Fruit	480.0	3556.0	-0.2	USDA's Ag Handbook 8 and sequelae)
Apium graveolens	Pt	270.0	5035.0		USDA's Ag Handbook 8 and sequelae)
Arachis hypogaea	Seed	223280.0	261265.0	1.1	USDA's Ag Handbook 8 and sequelae)
Artocarpus altilis	Seed	7120.0	18280.0	-0.66	USDA's Ag Handbook 8 and sequelae)
Asparagus officinalis	Shoot	70.0	903.0	-1.41	*
Benincasa hispida	Fruit	370.0	9485.0	-0.12	*
Bertholletia excelsa	Seed	230160.0	238125.0	0.93	USDA's Ag Handbook 8 and sequelae)
Beta vulgaris	Root	270.0	2219.0	-0.04	USDA's Ag Handbook 8 and sequelae)
Borago officinalis	Seed	74750.0	220225.0	0.8	J. Pharm. Belg. 43:359-363. 1988.
Brassica rapa	Root	60.0	740.0	-0.65	*
Brassica napus var. napobrassica	Root	250.0	2500.0	0.07	USDA's Ag Handbook 8 and sequelae)
Brassica oleracea	Stem	70.0	780.0		*
Brassica oleracea var. botrytis l.	Flower	120.0	1550.0	0.46	*
Brassica oleracea var. sabellica l.	Leaf	520.0	3345.0	-0.4	*
Cajanus cajan	Seed	120.0	135.0	-0.79	*
Carica papaya	Fruit	380.0	3402.0	-0.2	USDA's Ag Handbook 8 and sequelae)
Carum carvi	Seed	71250.0	79085.0	-0.22	Revised USDA data received 1993.
Cicer arietinum	Seed	13580.0	15350.0	-0.68	USDA's Ag Handbook 8 and sequelae)
Cichorium intybus	Leaf	20.0	365.0	-0.69	USDA's Ag Handbook 8 and sequelae)
Cichorium endivia	Leaf	40.0	644.0	-0.67	*
Cichorium intybus	Root	40.0	200.0	-0.88	USDA's Ag Handbook 8 and sequelae)
Cocos nucifera	Seed	14250.0	26880.0	-0.6	USDA's Ag Handbook 8 and sequelae)
Colocasia esculenta	Root	160.0	454.0	-0.77	*
Colocasia esculenta	Leaf	600.0	4185.0	-0.32	*
Corchorus olitorius	Leaf	170.0	1385.0	-0.59	*
Cucumis sativus	Fruit	30.0	759.0	-0.24	*
Cucurbita pepo	Flower	90.0	1855.0	0.93	USDA's Ag Handbook 8 and sequelae)
Cucurbita pepo	Seed	142580.0	153180.0	0.32	USDA's Ag Handbook 8 and sequelae)
Cucurbita pepo	Fruit	130.0	1548.0	-0.23	USDA's Ag Handbook 8 and sequelae)
Cucurbita spp	Fruit	160.0	2530.0	-0.22	*

<i>Cynara cardunculus</i>	Flower	50.0	330.0	-1.39	USDA's Ag Handbook 8 and sequelae)
<i>Daucus carota</i>	Root	80.0	655.0	-0.69	*
<i>Dioscorea pentaphylla</i>	Root	40.0	215.0	-0.87	*
<i>Elettaria cardamomum</i>	Fruit	8700.0	9455.0	-0.12	Revised USDA data received 1993.
<i>Ficus carica</i>	Fruit	660.0	3159.0	-0.21	USDA's Ag Handbook 8 and sequelae)
<i>Fragaria spp</i>	Fruit	520.0	6168.0	-0.16	USDA's Ag Handbook 8 and sequelae)
<i>Ginkgo biloba</i>	Seed	6190.0	13815.0	-0.69	USDA's Ag Handbook 8 and sequelae)
<i>Glycine max</i>	Seed	44040.0	48150.0	-0.44	USDA's Ag Handbook 8 and sequelae)
<i>Helianthus annuus</i>	Seed	94620.0	100000.0	-0.07	*
<i>Ipomoea batatas</i>	Root	110.0	405.0	-0.79	*
<i>Juglans regia</i>	Seed	141750.0	147720.0	0.28	USDA's Ag Handbook 8 and sequelae)
<i>Juglans nigra</i>	Seed	127270.0	133070.0	0.17	USDA's Ag Handbook 8 and sequelae)
<i>Juglans cinerea</i>	Seed	104250.0	107852.0	-0.01	*
<i>Lactuca sativa</i>	Leaf	120.0	2000.0	-0.53	*
<i>Lens culinaris</i>	Seed	1630.0	1835.0	-0.78	USDA's Ag Handbook 8 and sequelae)
<i>Lens culinaris</i>	Sprout Seedling	1040.0	3465.0	0.18	USDA's Ag Handbook 8 and sequelae)
<i>Lepidium sativum</i>	Leaf	2390.0	22545.0	1.46	*
<i>Luffa aegyptiaca</i>	Fruit	370.0	7400.0	-0.15	*
<i>Lupinus albus</i>	Seed	39400.0	43990.0	-0.47	*
<i>Macadamia spp</i>	Seed	581710.0	598340.0	3.54	USDA's Ag Handbook 8 and sequelae)
<i>Malus domestica</i>	Fruit	150.0	935.0	-0.24	USDA's Ag Handbook 8 and sequelae)
<i>Mangifera indica</i>	Fruit	1010.0	5522.0	-0.17	*
<i>Manihot esculenta</i>	Root	1040.0	3300.0	0.4	*
<i>Mentha x piperita</i>	Leaf	330.0	1545.0	-0.58	USDA's Ag Handbook 8 and sequelae)
<i>Mentha spicata</i>	Leaf	250.0	1730.0	-0.56	USDA's Ag Handbook 8 and sequelae)
<i>Musa x paradisiaca</i>	Fruit	410.0	1593.0	-0.23	USDA's Ag Handbook 8 and sequelae)
<i>Nelumbo nucifera</i>	Seed	1040.0	3152.0	-0.77	*
<i>Nelumbo nucifera</i>	Rhizome	200.0	955.0	-1.0	*
<i>Pastinaca sativa</i>	Root	1120.0	5470.0	1.3	*
<i>Persea americana</i>	Fruit	96080.0	373400.0	5.18	*
<i>Phaseolus vulgaris</i>	Fruit	50.0	514.0	-0.25	USDA's Ag Handbook 8 and sequelae)
<i>Phaseolus lunatus</i>	Seed	500.0	1680.0	-0.78	*
<i>Phaseolus vulgaris</i>	Sprout Seedling	390.0	4194.0	1.12	USDA's Ag Handbook 8 and sequelae)
<i>Phaseolus vulgaris</i>	Seed	1230.0	1382.0	-0.78	USDA's Ag Handbook 8 and sequelae)
<i>Pinus edulis</i>	Seed	229420.0	243800.0	0.97	USDA's Ag Handbook 8 and sequelae)
<i>Pinus pinea</i>	Seed	190760.0	204435.0	0.69	USDA's Ag Handbook 8 and sequelae)
<i>Pistacia vera</i>	Seed	326680.0	339831.0	1.67	*
<i>Pisum sativum</i>	Seed	350.0	1656.0	-0.78	*
<i>Pisum sativum</i>	Fruit	210.0	2077.0	-0.22	*
<i>Prunus armeniaca</i>	Fruit	170.0	1245.0	-0.24	USDA's Ag Handbook 8 and sequelae)
<i>Prunus persica</i>	Fruit	340.0	2755.0	-0.21	*
<i>Prunus dulcis</i>	Seed	339020.0	354615.0	1.77	USDA's Ag Handbook 8 and sequelae)
<i>Prunus domestica</i>	Fruit	4060.0	27432.0	0.15	USDA's Ag Handbook 8 and sequelae)
<i>Psidium cattleianum</i>	Fruit	550.0	2845.0	-0.21	*
<i>Psidium guajava</i>	Fruit	550.0	3955.0	-0.2	USDA's Ag Handbook 8 and sequelae)
<i>Psophocarpus tetragonolobus</i>	Seed	2500.0	65590.0	-0.32	*
<i>Psophocarpus tetragonolobus</i>	Leaf	2850.0	12312.0	0.47	*
<i>Psophocarpus tetragonolobus</i>	Tuber	2340.0	5493.0	1.0	*
<i>Pyrus communis</i>	Fruit	840.0	5188.0	-0.18	*
<i>Raphanus sativus</i>	Root	170.0	3295.0	0.4	*
<i>Rosmarinus officinalis</i>	Leaf	11600.0	35990.0	2.77	USDA's Ag Handbook 8 and sequelae)

<i>Rubus idaeus</i>	Fruit	530.0	3965.0	-0.2	Revised USDA data received 1993.
<i>Secale cereale</i>	Seed	3030.0	3400.0	-0.77	USDA's Ag Handbook 8 and sequelae)
<i>Solanum tuberosum</i>	Tuber	20.0	95.0	-1.0	*
<i>Solanum melongena</i>	Fruit	90.0	1152.0	-0.24	*
<i>Tamarindus indica</i>	Fruit	1810.0	2640.0	-0.22	USDA's Ag Handbook 8 and sequelae)
<i>Tetragonia tetragonioides</i>	Leaf	50.0	835.0	-0.65	*
<i>Vicia faba</i>	Seed	170.0	895.0	-0.79	USDA's Ag Handbook 8 and sequelae)
<i>Vigna aconitifolia</i>	Seed	1290.0	1428.0	-0.78	*
<i>Vigna unguiculata</i>	Seed	710.0	2139.0	-0.78	USDA's Ag Handbook 8 and sequelae)
<i>Vigna unguiculata</i>	Shoot	220.0	2153.0	0.71	*
<i>Vigna radiata</i>	Sprout Seedling	220.0	2311.0	-1.31	USDA's Ag Handbook 8 and sequelae)
<i>Vigna unguiculata</i>	Seed	1140.0	1245.0	-0.78	USDA's Ag Handbook 8 and sequelae)
<i>Vigna radiata</i>	Seed	1610.0	1770.0	-0.78	USDA's Ag Handbook 8 and sequelae)
<i>Vigna unguiculata</i>	Shoot	220.0	2153.0	0.71	USDA's Ag Handbook 8 and sequelae)
<i>Vigna unguiculata</i>	Fruit	360.0	2963.0	-0.21	USDA's Ag Handbook 8 and sequelae)
<i>Vitis vinifera</i>	Fruit	230.0	1183.0	-0.24	USDA's Ag Handbook 8 and sequelae)
<i>Zingiber officinale</i>	Root	1540.0	8400.0	2.51	USDA's Ag Handbook 8 and sequelae)
<i>Zingiber officinale</i>	Rhizome	1540.0	8400.0	1.0	*