

List of Plants

TRIGONELLINE

Chemid

TRIGONELLINE

Dosage

LD50=5,000 (orl rat)

LDLo=5,000 (scu rat)

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

Plant	Part	Low PPM	High PPM	StdDev	*Reference
<i>Abrus precatorius</i>	Seed	--	--		=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
<i>Achillea millefolium</i>	Plant	--	--		Tunon, H., Thorsell, W., and Bohlin, L. 1993. Mosquito Repelling Activity of Compounds Occurring in <i>Achillea millefolium</i> L. (Asteraceae). Economic Botany 48(2): 111-120, 1994.
<i>Allium cepa</i>	Seed	--	13.0	-0.47	Evans, L. S., Tramontano, W. A. 1984. Trigonelline and Promotion of Cell Arrest in G2 of Various Legumes. Phytochemistry, 23(9): 1837-1840.
<i>Allium sativum</i> var. <i>sativum</i>	Bulb	100.0	890.0		LAWSON in Koch, H. P. and Lawson, L. D., eds. 1996. Garlic- The Science and therapeutic application of <i>Allium sativum</i> L. and related species. Williams & Wilkins, Baltimore. 329 pp.
<i>Amorphophallus konjac</i>	Root	--	--		*
<i>Avena sativa</i>	Seed	--	--		Wealth of India.
<i>Canavalia ensiformis</i>	Seed	--	--		*
<i>Cannabis sativa</i>	Plant	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<i>Capsicum annum</i>	Seed	--	0.6	-0.47	*
<i>Chenopodium album</i>	Plant	--	--		*
<i>Coffea arabica</i>	Seed	3000.0	13000.0	2.7	*
<i>Cucumis melo</i>	Seed	2.0	6.0	-0.47	*
<i>Cucurbita pepo</i>	Sprout Seedling	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Dictamnus albus</i>	Root	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Foeniculum vulgare</i>	Fruit	--	--		*
<i>Foeniculum vulgare</i>	Seed	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Glycine max</i>	Root	--	1.1	-0.9	*
<i>Glycine max</i>	Tissue Culture	--	--		*
<i>Glycine max</i>	Stem	1.5	7.6	-1.0	*
<i>Glycine max</i>	Leaf	10.5	63.2	-1.0	*
<i>Glycine max</i>	Seed	19.7	71.8	-0.45	*
<i>Glycine max</i>	Fruit	3.7	16.2	-1.0	*

Glycine max	Plant	--	--		*
Hordeum vulgare	Seed	--	9.0	-0.47	*
Ilex paraguariensis	Leaf	--	--		*
Lupinus albus	Sprout Seedling	--	--		*
Lycopersicon esculentum	Root	--	14.0	-0.5	*
Medicago sativa	Seed	--	--		*
Medicago sativa	Plant	--	--		*
Mirabilis jalapa	Root	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Morus alba	Leaf	--	--		*
Nelumbo nucifera	Rhizome	--	--		*
Nicotiana tabacum	Seed	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Oryza sativa	Sprout Seedling	--	--		*
Petroselinum crispum	Tissue Culture	--	--		*
Phaseolus vulgaris	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Pisum sativum	Leaf	9.0	88.0	1.0	*
Pisum sativum	Stem	1.0	24.0	1.0	*
Pisum sativum	Seed	128.0	227.0	-0.41	*
Pisum sativum	Fruit	6.0	203.0	1.0	*
Pisum sativum	Sprout Seedling	--	91.0		*
Pisum sativum	Root	1.0	75.0	1.4	*
Pisum sativum	Shoot	--	55.0		*
Quisqualis indica	Fruit	--	--		*
Solanum tuberosum	Plant	--	--		*
Solanum melongena	Fruit	--	--		*
Strophanthus gratus	Seed	--	--		*
Strophanthus kombe	Seed	--	--		*
Strophanthus hispidus	Seed	--	--		*
Theobroma cacao	Seed	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Trigonella foenum-graecum	Cotyledon	--	--		*
Trigonella foenum-graecum	Plant	--	--		*
Trigonella foenum-graecum	Seed	1300.0	4000.0	0.51	*
Trigonella foenum-graecum	Tissue Culture	--	--		*
Triticum aestivum	Seed	--	--		*
Ulex europaeus	Plant	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Zea mays	Seed	--	4.0	-0.47	*