

List of Plants

NICOTINE

Chemid

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Dosage

LD=8 mg/kg (ims mus)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=14 mg/kg (ims pig)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD50=33.5 mg/kg (scu rat)	
LD=1 mg/kg (scu cat)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=15 mg/kg (ims rat)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LDlo=30-60 mg/man	Martindale's 28th
LD50=55 mg/kg (orl rat)	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.
LD=15 mg/kg (ims dog)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=4.5 mg/kg (ivn gpg)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD50=3-230 (orl mus)	Merck 11th Edition Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006. Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=10 mg/kg (ipr mus)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=40 mg/kg (scu rat)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=14 mg/kg (ipr rbt)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=30 mg/kg (ipr gpg)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=8.8 mg/kg (ims horse)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=6 mg/kg (ims mky)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=6-9 mg/kg (ims cat)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=3 mg/kg (ivn rat)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=200 mg/kg (orl rbt)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=190 mg/kg (orl rat)	
LD=15 mg/kg (ims gpg)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=20 mg/kg (ipr rat)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=30 mg/kg (scu rbt)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.

LD ₅₀ =1 mg/kg (orl hmn)	
LD=2 mg/kg (ivn cat)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD ₅₀ =5 mg/kg (ivn dog)	
LD=9 mg/kg (ims cow)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=80 mg/kg (scu gpg)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=30 mg/kg (scu mus)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=0.5 mg/kg (ivn mus)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD ₅₀ =9.4 mg/kg (ivn rbt)	
LD ₅₀ =7.1 mg/kg (ivn mus)	
LD=30 mg/kg (ims rbt)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.
LD=7 mg/kg (ivn rbt)	Neuwinger, H. D. 1996. African Ethnobotany - Poisons and Drugs. Chapman & Hall, New York. 941 pp.

*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
Apium graveolens	Plant	--	--		Pakistan Encyclopedia Planta Medica. 1986.
Asclepias syriaca	Sprout Seedling	--	--		*
Atropa belladonna	Leaf	--	--		*
Bacopa monnieri	Plant	--	--		Wealth of India.
Carica papaya	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Carica papaya	Leaf	--	102.8	-0.75	Jim Duke's personal files.
Datura stramonium	Plant	--	--		*
Duboisia myoporoides	Stem	--	--		*
Duboisia myoporoides	Leaf	--	1700.0	-0.66	*
Duboisia myoporoides	Root	--	--		*
Duboisia myoporoides	Sprout Seedling	--	--		*
Equisetum arvense	Shoot	--	--		Jim Duke's personal files.
Equisetum arvense	Plant	--	0.4		*
Erythroxylum coca	Leaf	--	--		*
Huperzia spp	Plant	--	--		*
Juglans regia	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Lycopodium clavatum	Pollen Or Spore	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
Lycopodium lucidulum	Plant	--	--		*
Mucuna pruriens	Seed	--	--		*

Nicotiana tabacum	Leaf	20000.0	40000.0	1.41	*
Nicotiana rustica	Leaf	--	--		*
Nicotiana glauca	Leaf	--	--		*
Solanum tuberosum	Tuber	4.8	15.0		*
Solanum tuberosum	Plant	--	--		*
Withania somnifera	Root	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.