

**MARKET INSIDER FOR MEDICINAL PLANTS & NATURAL INGREDIENTS
INDICATIVE PRICES FOR SELECTED BOTANICAL INGREDIENTS
MARCH 2015**

Rates of Exchange: 15 March 2015

CURRENCY	CODE	UNITS 1 / USD	UNITS 1 / EUR
Chinese Yuan Renminbi	CNY	6.25725	6.56826
EURO	EUR	0.952650	1.0000
Indian Rupee	INR	63.0935	66.2295
Nepalese Rupee	NPR	100.768	105.776
Russian Ruble	RUB	62.1100	65.1971
United States Dollar	USD	1.0000	1.04970

Source: XE Currency Converter: <http://www.xe.com/currencyconverter/>

Note: Prices should be considered indicative only and reflect the price of a product of a specific grade or quality from the specified origin. Great care should be taken when comparing prices of medicinal herbs of different origins, grades, qualities and quantities.

AJOWAN FRUIT			
Botanical name: <i>Trachyspermum ammi</i> / Hindi name: Ajwain / Sanskrit name: Yavani Pharmacopoeial name: Trachyspermi Ammi Fructus			
Medicinal uses:	Traditional Ayurvedic Medicine: a) flatulence with a gurgling sound; b) distension of abdomen due to obstruction to passage of urine and stools; c) diseases of abdomen; d) abdominal lump; e) intestinal parasites; f) sharp piercing pain.		
	Traditional Unani Medicine: a) flatulence in the stomach; b) gastric pain; c) anorexia; d) colic; e) pertussis; f) diarrhoea; g) hysteria; h) cholera.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Amreli Gujarat	10850 INR / quintal (= 100 kg)	\$1.71967 / kg	14.03.2015
AMLA FRUIT			
Botanical name: <i>Phyllanthus emblica</i> / Chinese name: Yuganzi (餘甘子) Hindi name: Amla / Nepalese name: Amala / Sanskrit name: Amalaki Pharmacopoeial name: Phyllanthi Fructus			
Medicinal uses:	Traditional Ayurvedic Medicine: a) bleeding disorders; b) hyperacidity; c) increased frequency and turbidity of urine; d) burning sensation.		
	Traditional Chinese Medicine: a) to remove <i>heat</i> in the blood and <i>blood stasis</i> ; b) maldigestion; c) dyspepsia, abdominal pain; e) cough; sore throat, and dryness of the mouth.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Nepalgunj Nepal	60.00 NPR / kg	\$0.595427 / kg	28.02.2015
Shahdol Madhya Pradesh	35.00~40.00 INR / kg	\$0.55473~\$ 0.63398/ kg	09.03.2015
Yulin Guangxi Zhuang Autonomous Region	11.00 CNY / kg (≥10,000 kg)	\$1.75621 / kg	15.03.2015
BARBARY WOLFBERRY FRUIT			

Botanical name: <i>Lycium barbarum</i> / Chinese name: gou qi zi (枸杞子)			
Pharmacopoeial name: Lycii Fructus			
Medicinal uses:	Traditional Chinese Medicine: a) general debility with deficiency of <i>vital essence</i> manifested by aching of the loins and knees, dizziness and tinnitus; b) diabetes caused by <i>internal heat</i> ; c) anaemia; d) impaired vision.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Anguo Hebei	65.00 CNY / kg (380 Grade; Ningxia origin)	\$10.3771 / kg	15.03.2015
Anguo Hebei	58.00 CNY / kg (380 Grade; Xinjiang origin)	\$9.25955 / kg	15.03.2015
CALAMUS RHIZOME			
Botanical name: <i>Acorus calamus</i>			
Chinese name: zang chang pu (藏菖蒲) / Nepalese name: Bojho / Sanskrit name: Vaca			
Pharmacopoeial name: Acori Calami Rhizoma			
Medicinal uses:	Traditional Ayurvedic Medicine: a) colic pain; b) epilepsy; c) asthma; d) constipation; e) mania; f) flatulence; g) otorrhoea; and h) weak memory		
	Traditional Chinese Medicine: a) tonify stomach <i>yang</i> ; b) treat maldigestion and food stagnation; c) diphtheria.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Nepalgunj Nepal	95 NPR / kg (Origin: Nepal)	\$0.942760 / kg	28.02.2015
Anguo Hebei	148 CNY / kg (Origin: Tibet Autonomous Region)	\$23.6526 / kg	15.02.2015
CHIRATA HERB			
Botanical name: <i>Swertia chirayita</i> / Nepalese name: Chiraito (चिराइतो, तितो) / Sanskrit name: Kiratatikta / Pharmacopoeial name: Swertiae Herba			
Medicinal uses:	Traditional Ayurvedic Medicine: a) fever; b) thirst; c) burning sensation; d) inflammation; e) skin diseases; f) ulcer; g) intestinal worms; h) itching; and i) excessive flow of urine.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Kathmandu Nepal	450 NPR / kg	\$ 4.46571 / kg	28.02.2015
CRANBERRY FRUIT			
Botanical name: <i>Vaccinium macrocarpon</i> / French name: canneberge / Spanish name: arándano agrio / Pharmacopoeial name: Macrocarponii Fructus			
Medicinal uses:	Traditional Western Herbal Medicine: a) to help prevent recurrent urinary tract infections		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Ex-warehouse New Jersey, USA	US\$ 2.25 / lb (Min. qty: 1,000 lbs)	\$4.96 / kg (Min. qty: 454 kg)	11.03.2015
FENNEL FRUIT			
Botanical name: <i>Foeniculum vulgare</i> / Arabic: شمر; Chinese: xiao hui xiang (小茴香) / Hindi: Saunf / Sanskrit: Misreya / Pharmacopoeial name: Foeniculi Fructus			
Medicinal uses:	Traditional Ayurvedic Medicine: a) digestive impairment; b) colic pain; c) cough; d) vitiated blood; e) dysentery; and f) piles.		

	<p>Traditional Chinese Medicine: a) treatment of scrotal hernia with pain and cold extremities; b) dysmenorrhoea with lower abdominal pain and cold sensation; and c) distending pain in the epigastrium with anorexia.</p> <p>Traditional European Medicine: a) symptomatic treatment of mild, spasmodic gastrointestinal complaints including bloating, and flatulence; b) symptomatic treatment of minor spasm associated with menstrual periods; and c) as an expectorant in cough associated with cold.</p>		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Chennai Tamil Nadu	115.00 INR / kg	\$1.82269 / kg	07.03.2015
FOB Mumbai Port Maharashtra	US\$ 1990~2280 / MT (98%~99% Clean; Qty 14 MT / 20' FCL)	\$1.99~\$2.28 / kg	11.03.2015
Chengdu Sichuan	12.00 CNY / kg (Northwest origin)	\$1.91605 / kg	15.03.2015
FENUGREEK SEED			
<p>Botanical name: <i>Trigonella foenum-graecum</i> Arabic name: حلبة حسي; Chinese name: hu lu ba (胡蘆巴) / Sanskrit name: Methi Pharmacopoeial name: Trigonellae Foenugraeci Semen</p>			
Medicinal uses:	<p>Traditional Ayurvedic Medicine: a) malabsorption syndrome; b) fever; c) increased frequency and turbidity of urine; and d) loss of taste sensation.</p>		
	<p>Traditional Chinese Medicine: a) cold syndrome of the <i>kidney</i> due to <i>yang deficiency</i> marked by pain and coldness in the lower abdomen; b) hernia; and c) weakness and oedema of the legs caused by <i>cold-damp</i>.</p>		
	<p>Traditional European Medicine: a) (oral) temporary loss of appetite; b) (cutaneous) symptomatic treatment of minor inflammations of the skin.</p>		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Chennai Tamil Nadu	75.00 INR / kg	\$1.18871 / kg	07.03.2015
FOB Mumbai Port Maharashtra	US\$ 940 / MT (Grade: Sortex; Qty: 21 MT / 20' FCL)	\$0.94 / kg	11.03.2015
GINGER RHIZOME			
<p>Botanical name: <i>Zingiber officinale</i> / Chinese name: gan jiang (干姜) / Nepalese name: Sutho / Sanskrit name: Sunthi / Pharmacopoeial name: Zingiberis Rhizoma</p>			
Medicinal uses:	<p>Traditional Ayurvedic Medicine: a) digestive impairment; b) flatulence; c) anaemia; d) asthma; e) abdominal diseases; and f) rheumatism.</p>		
	<p>Traditional Chinese Medicine: a) epigastric pain with cold feeling, vomiting and diarrhoea accompanied with cold extremities and faint pulse; and b) dyspnoea and cough with copious expectoration.</p>		
	<p>Traditional European Medicine: a) symptomatic relief of motion sickness; and b) symptomatic treatment of mild, spasmodic gastrointestinal complaints including bloating and flatulence.</p>		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Luopong County Yunnan	22.00 CNY / kg	\$3.51522 / kg	15.03.2015
Cochin Kerala	237.50 INR /kg (Grade: old)	\$3.76426 / kg	07.03.2015
FOB Mumbai Port	US\$ 3820 / MT (Grade: Good; Qty 14	\$3.82 / kg	09.03.2015

Maharashtra	MT / 20' FCL)		
Nepalgunj Nepal	190 NPR / kg	\$1.88552 / kg	28.02.2015
GOTU KOLA HERB			
Botanical name: <i>Centella asiatica</i> / Chinese name: ji xue cao (积雪草) / Sanskrit name: Mandukaparni / Pharmacopoeial name: Centellae Asiaticae Herba			
Medicinal uses:	Traditional Ayurvedic Medicine: a) inflammation; b) tastelessness; c) fever; d) cough; e) itching; f) skin diseases; g) excessive bleeding disorder; h) excessive flow of urine; i) asthma; j) anaemia; k) blood disorders.		
	Traditional Chinese Medicine: a) jaundice caused by <i>damp-heat</i> ; b) heat stroke with diarrhoea; c) urolithiasis and haematuria; d) carbuncles and boils; e) traumatic injuries.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Anguo Hebei	18.00 CNY / kg (Yunnan origin)	\$2.87294 / kg	15.03.2015
FOB Mumbai Port Maharashtra	US\$ 2990 / per MT (Qty: 1-20' FCL)	\$2.99 / kg	07.02.2015
HENNA LEAF			
Botanical name: <i>Lawsonia inermis</i> / Arabic name: Hina (حناء) / Sanskrit name: Madyanti / Pharmacopoeial name: Lawsoniae folium			
Medicinal uses:	Traditional Ayurvedic Medicine: a) vertigo; b) fever; c) itching; d) diseases of skin; e) bleeding disorder; f) jaundice; g) blood disorder; h) dysuria (painful urination); i) ulcer.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Ex-works Giza, Egypt	US\$ 2000 / MT (certified organic)	\$2.00 / kg	27.02.2015
INDIAN FRANKINCENSE EXUDATE			
Botanical name: <i>Boswellia serrata</i> / Sanskrit names: Kunduru, Sallaki Pharmacopoeial names: Gummi-resina Boswelliae Serratae; Olibanum			
Medicinal uses:	Traditional Ayurvedic Medicine: a) fever; b) excessive vaginal discharge; c) asthma; d) conjunctivitis; e) discharging of gravelly or sandy urine; f) pain due to ulcer; g) disease of mouth.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
FOB Mumbai Port Maharashtra	US\$ 6995 / MT (Grade A)	\$6.995 / kg	07.02.2015
	US\$ 6495 / MT (Grade B)	\$6.495 / kg	07.02.2015
ISPAGHULA SEED			
Botanical name: <i>Plantago ovata</i> Pharmacopoeial name: Plantaginis Ovatae Semen			
Medicinal uses:	Well-established uses: a) for the treatment of habitual constipation; and b) for conditions in which easy defecation with soft stool is desirable, e.g. in cases of painful defecation after rectal or anal surgery, anal fissures and haemorrhoids.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
NMCE Spot Price	7785 INR / quintal	\$1.23388 / kg	13.03.2015

Unjha Gujarat	5500~9210 INR/quintal (Modal price: 8000 INR/quintal)	\$0.871723~\$1.45974 / kg (Modal price: \$1.26796/ kg)	14.03.2015
JATAMANSI ROOT AND RHIZOME			
Botanical name: <i>Nardostachys jatamansi</i> Chinese name: gan song (甘松) / Nepalese name: Jatamansi / Sanskrit name: Jatamansi / Pharmacopoeial name: Nardostachyos Radix et Rhizoma			
Medicinal uses:	Traditional Ayurvedic Medicine: a) diseases of skin; b) erysipelas (bacterial skin infection); c) burning sensation; d) mental disorders; e) insomnia.		
	Traditional Chinese Medicine: a) (oral) epigastric and abdominal distension with anorexia and vomiting; b) (external) for toothache and swelling of the foot.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Huli County Liangshan Yi Autonomous Prefecture	28.00 CNY / kg	\$4.46585 / kg	15.03.2015
Nepalgunj Nepal	650.00 NPR / kg	\$6.45046 / kg	28.02.2015
LIQUORICE ROOT			
Botanical name(s): <i>Glycyrrhiza uralensis</i>, <i>G. inflata</i>, or <i>G. glabra</i> Chinese name: gan cao (甘草) / Sanskrit name: Yasti Pharmacopoeial name: Glycyrrhizae Radix et Rhizoma			
Medicinal uses:	Traditional Ayurvedic Medicine: a) cough; b) hoarseness of voice; c) phthisis (any wasting or atrophic disease, weakness, diseases due to <i>vata dosha</i>); d) ulcer; and e) gout,		
	Traditional Chinese Medicine: a) weakness of the spleen and the stomach marked by lassitude and weakness; b) cardiac palpitation and shortness of breath; c) cough with much phlegm; d) spasmodic pain in the epigastrium, abdomen and limbs; e) carbuncles and sores; and f) often added to formulas to reduce drastic or toxic effects of other drugs.		
	Traditional European Medicine: a) for the relief of digestive symptoms including burning sensation and dyspepsia; and b) used as an expectorant in cough associated with cold.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Chengdu Sichuan	15.00~19.00 CNY / kg (Gansu origin)	\$2.39782~\$3.03725 / kg	15.03.2015
Anguo Hebei	8.00 CNY / kg (Inner Mongolia origin)	\$1.27884 / kg	15.03.2015
Chengdu Sichuan	16.00~19.00 CNY / kg (Xinjiang origin)	\$2.55769~\$3.03725 / kg	15.03.2015
MAHUA FLOWER			
Botanical name: <i>Madhuca indica</i> (Syn.: <i>M. latifolia</i>) Hindi name: Mahuwa / Sanskrit name: Gudapushpa Pharmacopoeial name: Madhucae Flos			
Medicinal uses:	Traditional Ayurvedic Medicine: a) asthma; b) burning sensation; c) wound; d) phthisis (wasting disease); e) thirst; f) fatigue, lethargy		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Lohardaga,	2800~3000 INR /	\$0.443786~\$0.475485 / kg	15.03.2015

Jharkhand	quintal (Modal price: 3200 INR / quintal)	(Modal price: \$0.507184 /kg)	
Shahdol Madhya Pradesh	30.00~35.00 INR / kg	\$0.475485~\$0.554733 / kg	09.03.2015
MOLOKHIA LEAF			
Botanical name: <i>Corchorus olitorius</i> / Arabic name: Mulukhiyah (ملوخية)			
Pharmacopoeial name: Corchori Olitorius Folium			
Medicinal uses:	Traditional Egyptian Medicine: a) chronic cystitis (inflammation of the urinary bladder); b) dysuria (painful urination); c) gonorrhoea; d) fever		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Ex-works Giza, Egypt	US\$ 3000 / MT (certified organic)	\$3.00 / kg	27.02.2015
NIGELLA SEED			
Botanical name: <i>Nigella sativa</i> / Hindi name: Kalaunji (कलौंजी) / Sanskrit name: Upakuncika / Pharmacopoeial name: Nigellae Semen			
Medicinal uses:	Traditional Ayurvedic Medicine: a) abdominal lump; b) flatulence; c) diarrhoea; d) worm infestation.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Ex-works Giza, Egypt	US\$ 3250 / MT (certified organic)	\$3.25 / kg	27.02.2015
FOB Mumbai Port Maharashtra	US\$ 3805 / MT (Qty: 19 MT / 20' FCL / Grade: Sortex)	\$3.805 / kg	09.03.2015
PEPPERMINT LEAF			
Botanical name: <i>Mentha x piperita</i>			
Pharmacopoeial name: Menthae Piperitae Folium			
Medicinal uses:	Traditional European Medicine: a) for the symptomatic relief of digestive disorders such as dyspepsia and flatulence.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Ex-works Giza, Egypt	US\$ 3500 / MT (certified organic)	\$3.50 / kg	27.02.2015
SCHISANDRA FRUIT - NORTHERN			
Botanical name: <i>Schisandra chinensis</i> / Chinese name: Beiwuweizi (北五味子)			
Pharmacopoeial name: Schisandrae Chinensis Fructus			
Medicinal uses:	Traditional Chinese Medicine: a) chronic cough and dyspnoea of deficiency type; b) dream emission and spermatorrhoea; c) enuresis and frequent urination; d) chronic diarrhoea; e) spontaneous sweating and night sweating; f) thirst caused by fluid consumption; g) interior heat-wasting thirst; h) palpitation and insomnia		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Anguo Hebei	45.00 CNY / kg (Liaoning origin)	\$7.19350 / kg	15.03.2015
SCHISANDRA FRUIT - SOUTHERN			
Botanical name: <i>Schisandra sphenanthera</i> / Chinese name: Nanwuweizi (南五味子)			
Pharmacopoeial name: Schisandrae Sphenantherae Fructus			
Medicinal uses:	Traditional Chinese Medicine: a) chronic cough and dyspnoea of deficiency type; b) dream emission and spermatorrhoea; c) enuresis and		

	frequent urination; d) chronic diarrhoea; e) spontaneous sweating and night sweating; f) thirst caused by fluid consumption; g) interior heat-wasting thirst; h) palpitation and insomnia		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Chengdu, Sichuan	25.00 CNY / kg	\$3.99639 / kg	15.03.2015
SENNA LEAF - TINNEVELLY			
Botanical name: <i>Cassia angustifolia</i> Pharmacopoeial name: Sennae Angustifoliae Folium			
Medicinal uses:	Well-established uses: a) for short-term use in cases of occasional constipation		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
FOB Mumbai Port Maharashtra	US\$ 825 / MT (Grade: Prime 3; Qty: 26 MT / 40' FCL)	\$0.825 / kg	09.03.2015
SENNA POD - TINNEVELLY			
Botanical name: <i>Cassia angustifolia</i> Pharmacopoeial name: Sennae Angustifoliae Fructus			
Medicinal uses:	Well-established uses: a) for short-term use in cases of occasional constipation.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
FOB Mumbai Port Maharashtra	US\$ 1965 / MT (Qty: 26 MT / 40' FCL)	\$1.965 / kg	07.02.2015
SHATAVARI ROOT			
Botanical name: <i>Asparagus racemosus</i> Nepalese name: Satawari (Kurilo) / Sanskrit name: Satavari Pharmacopoeial name: Asparagi Racemosus Radix			
Medicinal uses:	Traditional Ayurvedic Medicine: a) hyperacidity; b) piles; c) diarrhoea; d) abdominal lump; e) phthisis (any wasting or atrophic disease); f) diarrhoea with blood; g) bleeding disorder; h) disorders of blood i) gout; j) erysipelas (bacterial skin infection); k) inflammation; l) duodenal ulcer; m) urinary disorders; n) hoarseness of voice; o) night blindness; p) puerperal disease; q) vitiation of breast milk; r) insufficient lactation Traditional Unani Medicine: a) diarrhoea; b) spermatorrhoea; c) excessive nocturnal emission; d) leucorrhoea; e) premature ejaculation; f) dysentery		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Nepalgunj, Nepal	200~250 NPR / kg	\$1.98476~\$2.48095 / kg	28.02.2015
Tanakpur, Uttarakhand	440 NPR / kg	\$4.36647 / kg	28.02.2015

Price Sources

China:

- Alibaba: <http://www.1688.com/>
- Chengdu Traditional Chinese Medicine Price Index: <http://www.ysindex.com>
- Chinese Medicinal Herb E-Commerce Office: <http://www.zyctd.com/> and <http://www.zyccst.com/>

Egypt:

- Private companies

India:

- Agmarknet, Directorate of Marketing & Inspection (DMI), Ministry of Agriculture, Government of India: <http://agmarknet.nic.in/arrivals1.htm>
- ICAR (Indian Council of Agricultural Research) - Directorate of Medicinal and Aromatic Plants Research: <http://www.dmapr.org.in/HeadPage/FarmProduct.html>
- Madhya Pradesh State Agricultural Marketing Board (Mandi Board): <http://mpmandiboard.gov.in/>
- National Multi-Commodity Exchange of India Ltd. (NMCE): <http://www.nmce.com/marketdata/SpotPriceInfo.aspx>
- Private companies
- Spices Board India (SBI): http://www.indianspices.com/php/domestic_weekly.php
- Tribal Co-Operative Marketing Development Federation of India Limited (TRIFED): <http://www.trifed.in/trifed/>

Nepal:

- Asia Network for Sustainable Agriculture and Bioresources: <http://www.ansab.org/>

USA:

- Private companies