

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

Rates of Exchange: 11 January 2015

CURRENCY	CODE	UNITS 1 / USD	UNITS 1 / EUR
Chinese Yuan Renminbi	CNY	6.20495	7.34792
EURO	EUR	0.844450	1.0000
Indian Rupee	INR	62.1180	73.5626
Nepalese Rupee	NPR	99.8159	118.202
Russian Ruble	RUB	61.9875	73.4058
United States Dollar	USD	1.0000	1.18420

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) diarrhea; g) hysteria; h) cholera.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Pratapgarh Market Rajasthan	10300~15000 INR / quintal (modal price: 12650 INR / quintal)	\$1.658~\$2.415 / kg (modal price: \$2.04 / kg)	10.01.2015
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 Market Nepal	65 NPR / kg	\$0.6512 / kg	07.01.2015
Tanakpur Market India	69 NPR / kg	\$0.6913 / kg	07.01.2015

ASHWAGANDHA ROOT			
Botanical name: <i>Withania somnifera</i> / Sanskrit name: Asvagandha			
Pharmacopoeial name: Withaniae Somniferae Radix			
Medicinal uses:	Traditional Ayurvedic Medicine: a) inflammatory disorders; b) phthisis (any wasting or atrophic disease, weakness, diseases due to <i>vata dosha</i>); and c) male impotence.		
	Traditional Siddha Medicine: a) oligospermia; b) lancinating pain; c) loss of body strength; d) anemia; e) convulsions/seizures/fits; f) disordered humor; g) eczema; h) edema/swelling; and i) tuberculosis.		
	Traditional Unani Medicine: a) leucorrhoea; b) spermatorrhoea; c) decreased viscosity of semen; d) sexual debility; e) lumbago; f) arthritis.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Farmgate	50 INR / kg (fresh root)	\$0.9498 / kg	2014 crop
Madhya Pradesh Mandi	27500 INR / Quintal (dried root)	\$4.43 / kg	08.12.2014
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) anemia; d) impaired vision.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
(Ningxia origin) Anguo Market	(380 Grade) 63.00 CNY / kg	\$10.16 / kg	12.01.2015
(Xinjiang origin) Anguo market	(380 Grade) 58.00 CNY / kg	\$9.36 / kg	12.01.2015
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) to tonify stomach <i>yang</i> ; b) treat maldigestion and food stagnation; c) diphtheria.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Nepalgunj Market Nepal	95 NPR / kg	\$0.9518 / kg	07.01.2015
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 Market Nepal	525 NPR / kg	\$5.26 / kg	07.01.2015

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	US\$2.25 / lb (Min. qty: 1,000 lbs)	\$4.96 / kg (Min. qty: 454 kg)	22.12.2014
FENNEL FRUIT			
Botanical name: <i>Foeniculum vulgare</i> Chinese name: xiao hui xiang (小茴香) / Hindi name: Saunf / Sanskrit name: 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.		
	Traditional Chinese Medicine: a) treatment of scrotal hernia with pain and cold extremities; b) dysmenorrhea with lower abdominal pain and cold sensation; and c) distending pain in the epigastrium with anorexia.		
	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.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Chennai Market Tamil Nadu	117.50 INR / kg	\$1.892 / kg	03.01.2015
FOB Egyptian Port	US\$1470 / MT (Grade: 98~99% Purity; Qty 12.5 MT / 20' FCL)	\$1.47 / kg	30.12.2014
FOB Mumbai Port	US\$1990 / MT (Grade: 99% Purity;; Qty 14 MT / 20' FCL)	\$1.99 / kg	06.01.2015
(Origin NW China) Chengdu Mkt.	12.00 CNY / kg	\$1.936 / kg	12.01.2015
FENUGREEK SEED			
Botanical name: <i>Trigonella foenum-graecum</i> Chinese name: hu lu ba (胡蘆巴) / Sanskrit name: Methi Pharmacopoeial name: Trigonellae Foenugraeci Semen			
Medicinal uses:	Traditional Ayurvedic Medicine: a) malabsorption syndrome; b) fever; c) increased frequency and turbidity of urine; and d) loss of taste sensation.		
	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 edema of the legs caused by <i>cold-damp</i> .		
	Traditional European Medicine: a) (oral) temporary loss of appetite; b) (cutaneous) symptomatic treatment of minor inflammations of the skin.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Chennai Market Tamil Nadu	80.00 INR / kg	\$1.228 / kg	03.01.2015
FOB Egyptian Port	US\$1188~\$1215 / MT (Qty: 20 MT / 20' FCL)	\$1.188~\$1.215 / kg	30.12.2014

GINGER RHIZOME			
Botanical name: <i>Zingiber officinale</i> Chinese name: gan jiang (干姜) / Nepalese name: Sutho (सुठो) / Sanskrit name: Sunthi Pharmacopoeial name: Zingiberis Rhizoma			
Medicinal uses:	Traditional Ayurvedic Medicine: a) digestive impairment; b) flatulence; c) anemia; d) asthma; e) abdominal diseases; and f) rheumatism.		
	Traditional Chinese Medicine: a) epigastric pain with cold feeling, vomiting and diarrhea accompanied with cold extremities and faint pulse; and b) dyspnea and cough with copious expectoration.		
	Traditional European Medicine: a) symptomatic relief of motion sickness; and b) symptomatic treatment of mild, spasmodic gastrointestinal complaints including bloating and flatulence.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
(Yunnan origin) Yulin Market	19.50 CNY / kg	\$3.15 / kg	12.01.2015
Cochin Market Kerala, India	200.00~220.00 INR /kg	\$3.22~\$3.54 / kg	03.01.2015
FOB Mumbai Port	US\$3510 / MT (Grade: Good; Qty 14 MT / 20' FCL)	\$3.51 / kg	06.01.2015
Nepalgunj Market Nepal	200 NPR / kg	\$2.00 / kg	07.01.2015
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
(Origin: Egypt) CFR Europe	EUR 1300 / MT (Dried leaf)	\$1.54 / kg	24.12.2014
(Origin: Egypt) CFR Europe	EUR 900 / MT (Powdered leaf)	\$1.067 / kg	24.12.2014
FOB Egyptian Port	US\$928 / MT (Powdered leaf; Qty: 18 MT / 20' FCL)	\$0.928 / kg	30.12.2014
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 hemorrhoids.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
NMCE Spot Price	8500 INR / quintal	\$1.369 / kg	09.01.2015
Unjha Market Gujarat	7055~8765 INR/quintal (modal price: 8500 INR/quintal)	\$1.14~\$1.41 / kg (modal Price: \$1.37/ kg)	10.01.2015

JATAMANSI ROOT AND RHIZOME			
Botanical name: <i>Nardostachys jatamansi</i> Chinese name: gan song (甘松) / Nepalese name: Jatamansi (जटामसी) / 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) epigastric and abdominal distension with anorexia and vomiting; b) external use for toothache and swelling of the foot.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
(Sichuan origin) Chengdu Mkt.	25.00 CNY / kg	\$4.0334 / kg	12.01.2015
Kathmandu Market Nepal	675.00 NPR / kg	\$6.7625 / kg	07.01.2015
LIQUORICE ROOT			
Botanical name(s): <i>Glycyrrhiza uralensis, G. inflata, or 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
(Gansu origin) Yulin Market	17.00~18.00 CNY / kg	\$2.74~\$2.90 / kg	12.01.2015
Inner Mongolia	10.00 CNY / kg	\$1.61 / kg	12.01.2015
(Xinjiang origin) Chengdu mkt.	16.00 CNY / kg	\$2.58 / kg	12.01.2015
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 Market Jharkhand	2600~3000 INR / quintal (modal price: 2800 INR / quintal)	\$0.419~\$0.483 / kg (modal price: \$0.451 / kg)	11.01.2015
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
FOB Egyptian Port	US\$3570 / MT (Dried whole leaf; Qty.: 280 5 kg boxes; 20' FCL)	\$3.57 / kg	30.12.2014
FOB Egyptian Port	US\$1857 / MT (Dried crushed leaves, 25 kg bags)	\$1.857 / kg	30.12.2014
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) diarrhea; d) worm infestation.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
FOB Egyptian Port	US\$3998 / per MT (Grade: Purity 99%)	\$3.998 / kg	30.12.2014
PEPPERMINT LEAF			
Botanical name: <i>Mentha × piperita</i> Pharmacopoeial name: Menthae Piperitae Folium			
Medicinals 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
(Origin: Egypt) CFR Europe	2100 EUR / MT (Qty 5 MT / 20' FCL)	\$2.488 / kg	24.12.2014
FOB Egyptian Port	US\$2860 / MT (Grade: 99% Purity, crushed; Qty: 5 MT / 20' FCL)	\$2.86 / kg	30.12.2014
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 dyspnea of deficiency type; b) dream emission and spermatorrhea; c) enuresis and frequent urination; d) chronic diarrhea; 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
(Origin: Liaoning) Anguo Market	45.00 CNY / kg	\$7.26 / kg	12.01.2015
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 dyspnea of deficiency type; b) dream emission and spermatorrhea; c) enuresis and		

	frequent urination; d) chronic diarrhea; 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 Market Sichuan	25.00 CNY / kg	\$4.03 / kg	12.01.2015
SENNA LEAF - TINNEVELLY			
Botanical name: <i>Cassia angustifolia</i> Pharmacopoeial name: <i>Sennae Angustifoliae Folium</i>			
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	US\$840 / per MT (Grade: Prime 3; Qty: 26 MT / 40' FCL)	\$0.84 / kg	06.01.2015
SENNA POD - TINNEVELLY			
Botanical name: <i>Cassia angustifolia</i> Pharmacopoeial name: <i>Sennae Angustifoliae Fructus</i>			
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	US\$2095 / per MT (Qty: 26 MT / 40' FCL)	\$2.095 / kg	06.01.2015
SHATAVARI ROOT			
Botanical name: <i>Asparagus racemosus</i> Nepalese name: Satawari (Kurilo) / Sanskrit name: Satavari Pharmacopoeial name: <i>Asparagi Racemosus Radix</i>			
Medicinal uses:	Traditional Ayurvedic Medicine: a) hyperacidity; b) piles; c) diarrhea; d) abdominal lump; e) phthisis (any wasting or atrophic disease); f) diarrhea 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) diarrhea; b) spermatorrhea; c) excessive nocturnal emission; d) leucorrhoea; e) premature ejaculation; f) dysentery		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Farmgate (India)	40~50 INR / kg (fresh root)	\$0.64~\$0.81 / kg	2014 Crop
Nepalgunj Market Nepal	200~300 NPR / kg (dried root)	\$2.00~\$3.00 / kg	07.01.2015
Tanakpur Market India	464 NPR / kg	\$4.65 / kg	07.01.2015

Price Sources

China:

- Chengdu Traditional Chinese Medicine Price Index: <http://www.ysindex.com>
- Chinese Medicinal Herb E-Commerce Office: <http://www.zyctd.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: http://www.indianspices.com/php/domestic_weekly.php

Nepal:

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

USA:

- Private companies