

**MARKET INSIDER FOR MEDICINAL PLANTS & NATURAL INGREDIENTS
INDICATIVE PRICES FOR SELECTED BOTANICAL INGREDIENTS
DECEMBER 2014**

Rates of Exchange: 09 December 2014

CURRENCY	CODE	UNITS 1 / USD	UNITS 1 / EUR
Chinese Yuan Renminbi	CNY	6.18703	7.62431
EURO	EUR	0.808673	1.0000
Indian Rupee	INR	62.0410	76.7352
Nepalese Rupee	NPR	99.0399	122.488
Russian Ruble	RUB	54.1541	66.9650
United States Dollar	USD	1.0000	1.23673

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
Kurnool Market Andhra Pradesh, India	10228~10228 INR / Quintal (modal price: 10228 INR / Quintal)	\$1.648 / kg (modal price: \$1.648 / kg)	09.12.2014
Jamnagar Market, Gujarat	10000~13475 INR / Quintal (modal price: 11738 INR / Quintal)	\$1.61~\$2.17 / kg (modal price: \$1.89 / kg)	09.12.2014
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	70 NPR / kg	\$0.7068 / kg	30.11.2014
Tanakpur Market India	69 NPR / kg	\$0.6967 / kg	30.11.2014

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
Madhya Pradesh Mandi	27500 INR / Quintal	\$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) 65.00 CNY / kg	\$10.50 / kg	09.12.2014
(Xinjiang origin) Anguo market	(380 Grade) 60.00 CNY / kg	\$9.69 / kg	09.12.2014
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	90 NPR / kg	\$0.9087 / kg	30.11.2014
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	550 NPR / kg	\$5.55 / kg	30.11.2014

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)	08.12.2014
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	120.00 INR / kg	\$1.936 / kg	08.12.2014
FOB Egyptian Port	US\$1440~1754 / MT (Qty 12.5 MT / 20' FCL)	\$1.44~\$1.754 / kg	14.11.2014
Chengdu Market Sichuan	10.50 CNY / kg	\$1.70 / kg	09.12.2014
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	75.00 INR / kg	\$1.21 / kg	08.12.2014
FOB Egyptian Port	US\$1188 / MT (Qty: 20 MT / 20' FCL)	\$1.188 / kg	04.12.2014
Mumbai Market Maharashtra	7600~10800 INR / quintal (modal price: 9200 INR)	\$1.23~\$1.74 / kg (modal price: \$1.48 / kg)	09.12.2014

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	23.00 CNY / kg	\$3.71 / kg	09.12.2014
Cochin Market Kerala, India	210.00~230.00 INR /kg	\$3.39~\$3.71 / kg	08.12.2014
Nepalgunj Market Nepal	230.00 NPR / kg	\$2.32 / kg	30.11.2014
GRIFFONIA SEED			
Botanical name: <i>Griffonia simplicifolia</i>			
Pharmacopoeial name: Griffoniae Semen			
Medicinal uses:	New uses: L-5-Hydroxytryptophan (L-5-HTP) isolated from Griffonia seed is taken orally: a) to help promote healthy mood balance; b) to help relieve symptoms of fibromyalgia; c) to help reduce the severity and duration of migraine headaches when taken as a prophylactic; d) as a sleep aid.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
FOB Accra, Ghana	Depends on quantity (minimum qty. about 12.5 MT / 20' FCL)	US\$7.00~\$10.00 / kg	11.11.2014
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	8650.00 INR / quintal	\$1.396 / kg	09.12.2014
Unjha Market Gujarat	7955~9825 INR/quintal (modal price: 9000 INR/quintal)	\$1.28~\$1.58 / kg (modal Price: \$1.45 / kg)	09.12.2014
JATAMANSI ROOT AND RHIZOME			
Botanical name: <i>Nardostachys jatamansi</i>			
Chinese name: gan song (甘松) / Nepalese name: Jatamansi (जटामन्सी) / 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.	30.00 CNY / kg	\$4.84 / kg	09.12.2014
Kathmandu Market Nepal	625.00 NPR / kg	\$6.31 / kg	30.11.2014
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
(Gansu origin) Yulin Market	17.00~18.00 CNY / kg	\$2.75~\$2.91 / kg	09.12.2014
Inner Mongolia	10.00 CNY / kg	\$1.62 / kg	09.12.2014
(Xinjiang origin) Chengdu mkt.	16.00 CNY / kg	\$2.58 / kg	09.12.2014
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
Doranpal Market Chhattisgarh	1500 INR / quintal	\$0.242 / kg	09.12.2014
NIGELLA SEED			
Botanical name: <i>Nigella sativa</i>			
Hindi name: Kalaunji (कलौंजी) Sanskrit name: Upakuncika			
Pharmacopoeial name: Nigellae Semen			
Medicinal	Traditional Ayurvedic Medicine: a) abdominal lump; b) flatulence; c)		

uses:	diarrhea; d) worm infestation.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
FOB Egyptian Port	US\$3140 / per MT (Grade 1)	\$3.14 / kg	14.11.2014
FOB Egyptian Port	US\$2715 / per MT (Grade 2)	\$2.715 / kg	14.11.2014
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
(Liaoning origin) Anguo Market Hebei	45.00 CNY / kg	\$7.27 / kg	09.12.2014
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	\$4.04 / kg	09.12.2014
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	US\$2135 / per MT (Qty: 26 MT / 40' FCL)	\$2.135 / kg	09.12.2014
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) 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
Nepalgunj Market Nepal	200~300 NPR / kg	\$2.02~\$3.03 / kg	30.11.2014

Price Sources

China:

- 🌐 Chengdu Traditional Chinese Medicine Price Index: <http://www.yindex.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>
- 🌐 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