

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

Rates of Exchange: 12 October 2014

CURRENCY	CODE	UNITS 1 / USD	UNITS 1 / EUR
Chinese Yuan Renminbi	CNY	6.1032	7.7142
EURO	EUR	0.7912	1.0000
Indian Rupee	INR	61.2550	77.4234
Nepalese Rupee	NPR	99.6974	126.013
Russian Ruble	RUB	40.3470	50.9982
United States Dollar	USD	1.0000	1.2640

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
Kurnool Andhra Pradesh	7889~9889 INR / Quintal (modal price: 9669 INR / Quintal)	\$1.29~\$1.61 / kg (modal price: \$1.58 / kg)	10.10.2014
Neemuch Madhya Pradesh	1800~8600 INR / Quintal (modal price: 7500 INR / Quintal)	\$0.30~\$1.40 / kg (modal price: \$1.22 / kg)	10.10.2014
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	6000~27002 INR / Quintal (conventional)	\$1.00~\$4.48 / kg	04.09.2014
BARBARY WOLFBERRY FRUIT			
Botanical name: <i>Lycium barbarum</i> / Chinese name: gou qi zi (枸杞子) Pharmacopoeial name: Fructus Lycii			
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) Bouzhou mkt.	(280 Grade) 65.00 CNY / kg	\$10.54 / kg	13.10.2014
(Xinjiang origin) Anguo market	(280 Grade) 65.00 CNY / kg	\$10.54 / kg	13.10.2014
CALAMUS RHIZOME			
Botanical name: <i>Acorus calamus</i> Chinese name: zang chang pu (藏菖蒲) / Nepalese name: Bojho / Sanskrit name: Vaca Pharmacopoeial name: Rhizoma Acori Calami			
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
Kathmandu, Nepal	100 NPR / kg	\$1.00 / kg	31.08.2014
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, Nepal	600 NPR / kg	\$6.02 / kg	31.08.2014
CRANBERRY FRUIT			
Botanical name: <i>Vaccinium macrocarpon</i> Pharmacopoeial name: Fructus Macrocarponii			
Medicinal uses:	Traditional Western Herbal Medicine: 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)	10.10.2014
FENNEL FRUIT			
Botanical name: <i>Foeniculum vulgare</i>			

Chinese name: xiao hui xiang (小茴香) / Hindi name: Saunf / Sanskrit name: Misreya Pharmacopoeial name: Fructus Foeniculi			
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	108.50 INR / kg	\$1.77 / kg	04.10.2014
FOB Egyptian Port	US\$1,420 / MT (Qty 12.5 MT / 20' FCL)	\$1.42 / kg	01.10.2014
FOB Mumbai, Maharashtra	US\$1,800~\$2,000 / MT (Qty: 14 MT / 20' FCL; certified organic)	\$1.80~2.00 / kg	20.09.2014
Chengdu Market Sichuan	10.50 CNY / kg	\$1.70 / kg	13.10.2014
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	65.00 INR / kg	\$1.06 / kg	04.10.2014
Mandsaur Market Madhya Pradesh	3450~5870 INR / quintal (modal price: 4850 INR)	\$0.56~\$0.96 / kg (modal price: \$0.79 / kg)	11.10.2014
FOB Mumbai, Maharashtra	US\$1075 / MT (1 20' FCL; Sortex clean; certified organic)	\$1.075 / kg	20.09.2014
GINGER RHIZOME			
Botanical name: <i>Zingiber officinale</i> Chinese name: gan jiang (干姜) / Nepalese name: Sutho (सुठो) / Sanskrit name: Sunthi Pharmacopoeial name: Rhizoma Zingiberis			
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) Chengdu mkt.	24.00 CNY / kg	\$3.89 / kg	13.10.2014
Cochin Market Kerala, India	220.00~240.00 INR / kg	\$3.59~\$3.92 / kg	04.10.2014
Nepalgunj Nepal	300.00 NPR / kg	\$3.01 / kg	31.08.2014
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	10300.00 INR / quintal	\$1.68 / kg	10.10.2014
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; 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.	15.00~33.00 CNY / kg	\$4.06~5.35 / kg	13.10.2014
Kathmandu, Nepal	600.00 NPR / kg	\$6.02 / kg	31.08.2014
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) Chengdu mkt.	14.00~15.00 CNY / kg	\$2.27~2.43 / kg	13.10.2014
Inner Mongolia	10.00 CNY / kg	\$1.62 / kg	13.10.2014
(Xinjiang origin) Chengdu mkt.	16.00 CNY / kg	\$2.60 / kg	13.10.2014
NIGELLA SEED			
Botanical name: <i>Nigella sativa</i> Hindi name: Kalaunji (कालूँजी) 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 Mumbai, Maharashtra	US\$2840 / per MT (Qty: 18 MT / 20' FCL; certified organic)	\$2.84 / kg	20.09.2014
NORTHERN SCHISANDRA FRUIT			
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, Bozhou and Chengdu markets	45.00 CNY / kg	\$7.30 / kg	13.10.2014
SOUTHERN SCHISANDRA FRUIT			
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
Sichuan origin Chengdu mkt.	23.00 CNY / kg	\$3.75 / kg	13.10.2014

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
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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