

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

Rates of Exchange: 15 November 2014

CURRENCY	CODE	UNITS 1 / USD	UNITS 1 / EUR
Chinese Yuan Renminbi	CNY	6.11290	7.65682
EURO	EUR	0.798360	1.0000
Indian Rupee	INR	61.6710	77.2471
Nepalese Rupee	NPR	99.7158	124.901
Russian Ruble	RUB	47.0375	58.9177
United States Dollar	USD	1.0000	1.25257

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.

<b>AJOWAN FRUIT</b>			
<b>Botanical name:</b> <i>Trachyspermum ammi</i> / <b>Hindi name:</b> Ajwain / <b>Sanskrit name:</b> Yavani <b>Pharmacopoeial name:</b> Trachyspermi Ammi Fructus			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> 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.		
	<b>Traditional Unani Medicine:</b> a) flatulence in the stomach; b) gastric pain; c) anorexia; d) colic; e) pertussis; f) diarrhoea; g) hysteria; h) cholera.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
Kurnool Market Andhra Pradesh, India	4892~9012 INR / Quintal (modal price: 6868 INR / Quintal)	\$0.79~\$1.46 / kg (modal price: \$1.11 / kg)	14.11.2014
Bhilwara Market Rajasthan	9700~10400 INR / Quintal (modal price: 10050 INR / Quintal)	\$1.57~\$1.69 / kg (modal price: \$1.63 / kg)	14.11.2014
<b>AMLA FRUIT</b>			
<b>Botanical name:</b> <i>Phyllanthus emblica</i> / <b>Chinese name:</b> Yuganzi (餘甘子) <b>Hindi name:</b> Amla / <b>Nepalese name:</b> Amala / <b>Sanskrit name:</b> Amalaki <b>Pharmacopoeial name:</b> Phyllanthi Fructus			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> a) bleeding disorders; b) hyperacidity; c) increased frequency and turbidity of urine; d) burning sensation.		
	<b>Traditional Chinese Medicine:</b> 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.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
Nepalgunj Market Nepal	75 NPR / kg	\$0.75 / kg	13.11.2014
Tanakpur	67 NPR / kg	\$0.67 / kg	13.11.2014

Market India			
<b>ASHWAGANDHA ROOT</b>			
Botanical name: <i>Withania somnifera</i> / Sanskrit name: Asvagandha Pharmacopoeial name: Withaniae Somniferae Radix			
<b>Medicinal uses:</b>	Traditional Ayurvedic Medicine: a) inflammatory disorders; b) phtisis (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.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
Madhya Pradesh Mandi	13500~24000 INR / Quintal	\$2.19~\$3.89 / kg	13.11.2014
<b>BARBARY WOLFBERRY FRUIT</b>			
Botanical name: <i>Lycium barbarum</i> / Chinese name: gou qi zi (枸杞子) Pharmacopoeial name: Lycii Fructus			
<b>Medicinal uses:</b>	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.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
(Ningxia origin) Anguo Market	(380 Grade) 64.00 CNY / kg	\$10.47 / kg	15.11.2014
(Xinjiang origin) Anguo market	(380 Grade) 60.00 CNY / kg	\$9.82 / kg	15.11.2014
<b>CALAMUS RHIZOME</b>			
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			
<b>Medicinal uses:</b>	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.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
Kathmandu, Nepal	95 NPR / kg	\$0.9527 / kg	13.11.2014
<b>CHIRATA HERB</b>			
Botanical name: <i>Swertia chirayita</i> Nepalese name: Chiraito (चिराइतो, तितो) / Sanskrit name: Kiratatikta Pharmacopoeial name: Swertiae Herba			
<b>Medicinal uses:</b>	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.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
Kathmandu, Nepal	525 NPR / kg	\$5.27 / kg	13.11.2014

<b>CRANBERRY FRUIT</b>			
<p align="center"><b>Botanical name: <i>Vaccinium macrocarpon</i></b>  <b>French name: canneberge / Spanish name: arándano agrio</b>  <b>Pharmacopoeial name: Macrocarponii Fructus</b></p>			
<b>Medicinal uses:</b>	<b>Traditional Western Herbal Medicine:</b> a) to help prevent recurrent urinary tract infections		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
Ex-warehouse New Jersey, USA	US\$2.25 / lb (Min. qty: 1,000 lbs)	\$4.96 / kg (Min. qty: 454 kg)	12.11.2014
<b>FENNEL FRUIT</b>			
<p align="center"><b>Botanical name: <i>Foeniculum vulgare</i></b>  <b>Chinese name: xiao hui xiang (小茴香) / Hindi name: Saunf / Sanskrit name: Misreya</b>  <b>Pharmacopoeial name: Foeniculi Fructus</b></p>			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> a) digestive impairment; b) colic pain; c) cough; d) vitiated blood; e) dysentery; and f) piles.		
	<b>Traditional Chinese Medicine:</b> 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.		
	<b>Traditional European Medicine:</b> 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.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
Chennai Market Tamil Nadu	123.50 INR / kg	\$2.00 / kg	08.11.2014
FOB Egyptian Port	US\$1440~1754 / MT (Qty 12.5 MT / 20' FCL)	\$1.44~\$1.754 / kg	14.11.2014
Chengdu Market Sichuan	10.00 CNY / kg	\$1.64 / kg	15.11.2014
<b>FENUGREEK SEED</b>			
<p align="center"><b>Botanical name: <i>Trigonella foenum-graecum</i></b>  <b>Chinese name: hu lu ba (胡蘆巴) / Sanskrit name: Methi</b>  <b>Pharmacopoeial name: Trigonellae Foenugraeci Semen</b></p>			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> a) malabsorption syndrome; b) fever; c) increased frequency and turbidity of urine; and d) loss of taste sensation.		
	<b>Traditional Chinese Medicine:</b> 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> .		
	<b>Traditional European Medicine:</b> a) (oral) temporary loss of appetite; b) (cutaneous) symptomatic treatment of minor inflammations of the skin.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
Chennai Market Tamil Nadu	77.50 INR / kg	\$1.26 / kg	08.11.2014
Mandsaur Market Madhya Pradesh	5801~6695 INR / quintal (modal price: 6240 INR)	\$0.94~\$1.09 / kg (modal price: \$1.01 / kg)	15.11.2014

GINGER RHIZOME			
<b>Botanical name: <i>Zingiber officinale</i></b> <b>Chinese name: gan jiang (干姜) / Nepalese name: Sutho (सुठो) / Sanskrit name: Sunthi</b> <b>Pharmacopoeial name: Zingiberis Rhizoma</b>			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> a) digestive impairment; b) flatulence; c) anemia; d) asthma; e) abdominal diseases; and f) rheumatism.		
	<b>Traditional Chinese Medicine:</b> a) epigastric pain with cold feeling, vomiting and diarrhea accompanied with cold extremities and faint pulse; and b) dyspnea and cough with copious expectoration.		
	<b>Traditional European Medicine:</b> 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) Anguo Market	22.00 CNY / kg	\$3.60 / kg	15.11.2014
Cochin Market Kerala, India	210.00~230.00 INR / kg	\$3.41~\$3.73 / kg	08.11.2014
Nepalgunj Market Nepal	250.00 NPR / kg	\$2.51 / kg	13.11.2014
GRIFFONIA SEED			
<b>Botanical name: <i>Griffonia simplicifolia</i></b> <b>Pharmacopoeial name: Griffoniae Semen</b>			
<b>Medicinal uses:</b>	<b>New uses:</b> 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			
<b>Botanical name: <i>Plantago ovata</i></b> <b>Pharmacopoeial name: Plantaginis Ovatae Semen</b>			
<b>Medicinal uses:</b>	<b>Well-established uses:</b> 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	9450.00 INR / quintal	\$1.53 / kg	14.11.2014
JATAMANSI ROOT AND RHIZOME			
<b>Botanical name: <i>Nardostachys jatamansi</i></b> <b>Chinese name: gan song (甘松) / Nepalese name: Jatamansi (जटामन्सी) / Sanskrit name: Jatamansi / Pharmacopoeial name: Nardostachyos Radix et Rhizoma</b>			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> a) diseases of skin; b) erysipelas; c) burning sensation; d) mental disorders; e) insomnia.		
	<b>Traditional Chinese Medicine:</b> 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.	25.00~30.00 CNY / kg	\$4.09~4.91 / kg	15.11.2014
Kathmandu Market Nepal	600.00 NPR / kg	\$6.02 / kg	13.11.2014
LIQUORICE ROOT			
<b>Botanical name(s): <i>Glycyrrhiza uralensis</i>, <i>G. inflata</i>, or <i>G. glabra</i></b> <b>Chinese name: gan cao (甘草) / Sanskrit name: Yasti</b> <b>Pharmacopoeial name: Glycyrrhizae Radix et Rhizoma</b>			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> 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,		
	<b>Traditional Chinese Medicine:</b> 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.		
	<b>Traditional European Medicine:</b> 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 Market Sichuan	17.00~19.00 CNY / kg	\$2.78~3.11 / kg	15.11.2014
(Inner Mongolia origin) Anguo Market	10.00 CNY / kg	\$1.64 / kg	15.11.2014
(Xinjiang origin) Chengdu Market Sichuan	16.00 CNY / kg	\$2.62 / kg	15.11.2014
MAHUA FLOWER			
<b>Botanical name: <i>Madhuca indica</i> (Syn.: <i>M. latifolia</i>)</b> <b>Hindi name: Mahuwa Sanskrit name: Gudapushpa</b> <b>Pharmacopoeial name: Madhucae Flos</b>			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> 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
Konta Market Chattisgarh, India	1300~1500 INR / quintal (modal price: 1400 INR)	\$0.21~\$0.24 / kg (modal price: \$0.23 / kg)	14.11.2014
NIGELLA SEED			
<b>Botanical name: <i>Nigella sativa</i></b> <b>Hindi name: Kalaunji (कलौंजी) Sanskrit name: Upakuncika</b> <b>Pharmacopoeial name: Nigellae Semen</b>			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> a) abdominal lump; b) flatulence; c) diarrhea; d) worm infestation.		
MARKET	PRICE	CONVERTED	DATE OF PRICE

		<b>TO US\$ / kg</b>	
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
FOB Mumbai, Maharashtra	US\$2840 / per MT (Qty: 18 MT / 20' FCL; certified organic)	\$2.84 / kg	20.09.2014
<b>PEPPERMINT LEAF</b>			
<b>Botanical name: <i>Mentha x piperita</i></b>			
<b>Pharmacopoeial name: Menthae Piperitae Folium</b>			
<b>Medicinals uses:</b>	<b>Traditional European Medicine:</b> a) for the symptomatic relief of digestive disorders such as dyspepsia and flatulence.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
FOB Egyptian Port	US\$2785~2880 / per MT (crushed) (Qty 5 MT / 20' FCL)	\$2.785~\$2.88	07.11.2014
FOB Egyptian Port	US\$3285 / per MT (Qty 5 MT / 20' FCL)	\$3.285 / kg	14.11.2014
<b>SCHISANDRA FRUIT - NORTHERN</b>			
<b>Botanical name: <i>Schisandra chinensis</i></b>			
<b>Chinese name: Beiwuweizi (北五味子)</b>			
<b>Pharmacopoeial name: Schisandrae Chinensis Fructus</b>			
<b>Medicinal uses:</b>	<b>Traditional Chinese Medicine:</b> 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		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
(Liaoning origin) Chengdu Market Sichuan	48.00 CNY / kg	\$7.85 / kg	15.11.2014
<b>SCHISANDRA FRUIT - SOUTHERN</b>			
<b>Botanical name: <i>Schisandra sphenanthera</i></b>			
<b>Chinese name: Nanwuweizi (南五味子)</b>			
<b>Pharmacopoeial name: Schisandrae Sphenantherae Fructus</b>			
<b>Medicinal uses:</b>	<b>Traditional Chinese Medicine:</b> 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		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
Chengdu Market Sichuan	25.00 CNY / kg	\$4.09 / kg	15.11.2014

## 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

### **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](http://www.indianspices.com/php/domestic_weekly.php)

### **Nepal:**

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

### **USA:**

- Private companies