

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

Rates of Exchange: 01 November 2015

CURRENCY	CODE	UNITS 1 / USD	UNITS 1 / EUR
Chinese Yuan Renminbi	CNY	6.31805	6.95369
EURO	EUR	0.908590	1.0000
Indian Rupee	INR	65.4205	72.0022
Nepalese Rupee	NPR	102.210	112.493
Russian Ruble	RUB	63.4052	69.7842
United States Dollar	USD	1.0000	1.10061

**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: Ajwain / Sanskrit: Yavani Pharmacopoeial name: 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, Andhra Pradesh	9088~11112 INR / quintal (= 100 kg); Modal price: 10244 INR / quintal	\$1.38917~\$1.69855 / kg (Modal price: \$1.56587/kg)	30.10.2015
AMLA FRUIT			
Botanical name: <i>Phyllanthus emblica</i> Chinese: Yuganzi (餘甘子); Hindi: Amla; Nepalese: Amala; Sanskrit: Amalaki Pharmacopoeial name: 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, Nepal	50.00 NPR / kg (wild-collected)	\$0.489189 / kg	16.10.2015
Bohzou, Anhui	12.00 CNY / kg (> 500 kg; wild-collected)	\$ 1.89932 / kg	31.10.2015
BARBARY WOLFBERRY FRUIT			
Botanical name: <i>Lycium barbarum</i> Chinese: gou qi zi (枸杞子) Pharmacopoeial name: Lycii Fructus			

<b>Medicinal uses:</b>	<b>Traditional Chinese Medicine:</b> 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.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
Chengdu, Sichuan	70 CNY / kg (Grade: 280; Ningxia origin)	\$11.0794 / kg	31.10.2015
<b>CALAMUS RHIZOME</b>			
Botanical name: <i>Acorus calamus</i> Chinese: zang chang pu (藏菖蒲) / Nepalese: Bojho / Sanskrit: Vaca Pharmacopoeial name: Acori Calami Rhizoma			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> a) colic pain; b) epilepsy; c) asthma; d) constipation; e) mania; f) flatulence; g) otorrhoea; and h) weak memory <b>Traditional Chinese Medicine:</b> a) 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>
Nepalgunj, Nepal	95 NPR / kg	\$0.929459 / kg	16.10.2015
<b>CHIRATA HERB</b>			
Botanical name: <i>Swertia chirayita</i> Nepalese: Chiraito (चिराइतो, तितो) / Sanskrit: Kiratatikta Pharmacopoeial name: Swertiae Herba			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> 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>
Nepalgunj, Nepal	525 NPR / kg	\$5.13648 / kg	16.10.2015
<b>CRANBERRY FRUIT</b>			
Botanical name: <i>Vaccinium macrocarpon</i> French: canneberge / Spanish: arándano agrio Pharmacopoeial name: Macrocarponii Fructus			
<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-whse New Jersey, USA	US\$ 2.25 / lb (Min. qty: 1,000 lbs)	\$4.96 / kg (Min. qty: 454 kg)	27.10.2015
<b>FENNEL FRUIT</b>			
Botanical name: <i>Foeniculum vulgare</i> Arabic: شمر; Chinese: xiao hui xiang (小茴香) / Hindi: Saunf / Sanskrit: Misreya Pharmacopoeial name: Foeniculi Fructus			
<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) dysmenorrhoea 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.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Chennai, Tamil Nadu	140.00 INR / kg	\$2.14 / kg	03.10.2015
Anguo, Hebei	11.00 CNY / kg (Northwest origin)	\$1.74104 / kg	31.10.2015
FENUGREEK SEED			
Botanical name: <i>Trigonella foenum-graecum</i> Arabic: حلبة حصى; Chinese: hu lu ba (胡蘆巴) / Sanskrit: Methi Pharmacopoeial name: Trigonellae Foenugraeci Semen			
Medicinal uses:	<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 oedema 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.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Chennai, Tamil Nadu	90.00 INR / kg	\$1.37572 / kg	03.10.2015
GINGER RHIZOME			
Botanical name: <i>Zingiber officinale</i> Chinese: gan jiang (干姜) / Nepalese: Sutho / Sanskrit: Sunthi Pharmacopoeial name: Zingiberis Rhizoma			
Medicinal uses:	<b>Traditional Ayurvedic Medicine:</b> a) digestive impairment; b) flatulence; c) anaemia; d) asthma; e) abdominal diseases; and f) rheumatism.		
	<b>Traditional Chinese Medicine:</b> a) epigastric pain with cold feeling, vomiting and diarrhoea accompanied with cold extremities and faint pulse; and b) dyspnoea 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
Chengdu, Sichuan	21 CNY / kg (Yunnan origin)	\$3.32381 / kg	31.10.2015
Cochin, Kerala	107.50 INR / kg (Grade: Old)	\$3.17179 / kg	03.10.2015
Nepalgunj, Nepal	270 NPR / kg	\$2.64162 / kg	16.10.2015
GOTU KOLA HERB			
Botanical name: <i>Centella asiatica</i> Chinese: ji xue cao (积雪草) / Sanskrit: Mandukaparni Pharmacopoeial name: Centellae Asiaticae Herba			
Medicinal uses:	<b>Traditional Ayurvedic Medicine:</b> 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.		
	<b>Traditional Chinese Medicine:</b> 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
Chengdu, Sichuan	8.00 CNY / kg	\$1.26621 / kg	31.10.2015
<b>ISPAGHULA HUSK</b>			
Botanical name: <i>Plantago ovata</i> Pharmacopoeial name: Plantaginis Ovatae Seminis Tegumentum			
<b>Medicinal uses:</b>	<b>Well-established uses:</b> a) for the treatment of habitual constipation; 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; and c) in patients to whom an increased daily fibre intake may be advisable e.g. as an adjuvant in constipation predominant irritable bowel syndrome, as an adjuvant to diet in hypercholesterolemia.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
C&F New York Port	US\$ 7715 / MT (Grade: 99% Pure; Qty: 9.5 MT / 20' FCL)	\$7.715 / kg	29.10.2015
<b>ISPAGHULA SEED</b>			
Botanical name: <i>Plantago ovata</i> Pharmacopoeial name: Plantaginis Ovatae Semen			
<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 haemorrhoids.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
NMCE Spot Price	9375 INR / quintal	\$1.43304 / kg	31.10.2015
<b>JATAMANSI ROOT AND RHIZOME</b>			
Botanical name: <i>Nardostachys jatamansi</i> Chinese: gan song (甘松) / Nepalese: Jatamansi / Sanskrit: Jatamansi Pharmacopoeial name: Nardostachyos Radix et Rhizoma			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> a) diseases of skin; b) erysipelas (bacterial skin infection); c) burning sensation; d) mental disorders; e) insomnia. <b>Traditional Chinese Medicine:</b> 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
Chengdu, Sichuan	30.00~30.50 CNY / kg (Sichuan origin; wild-collected)	\$4.74830~\$4.82744 / kg	29.10.2015
Nepalgunj, Nepal	725.00 NPR / kg (Nepal origin; wild-collected)	\$7.09324 / kg	16.10.2015
<b>LIQUORICE ROOT</b>			
Botanical name(s): <i>Glycyrrhiza uralensis</i> , <i>G. inflata</i> , or <i>G. glabra</i> Chinese: gan cao (甘草) / Sanskrit: Yasti Pharmacopoeial name: Glycyrrhizae Radix et Rhizoma			
<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</i> )		

	<p><i>dosha</i>); d) ulcer; and e) gout,</p> <p><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.</p> <p><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.</p>		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Chengdu, Sichuan	16.00 CNY / kg (Xinjiang origin; wild-collected)	\$2.53243 / kg	31.10.2015
Yulin, Guangxi Zhuang Autonomous Region	10.00 CNY / kg (Inner Mongolia origin; wild-collected)	\$1.58277 / kg	31.10.2015
MAHUA FLOWER			
<p>Botanical name: <i>Madhuca indica</i> (Syn.: <i>M. latifolia</i>) Hindi: Mahuwa / Sanskrit: Gudapushpa Pharmacopoeial name: Madhucae Flos</p>			
<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
Lohardaga, Jharkhand	3400~3600 INR / quintal (Modal price: 3500 INR / quintal; wild-collected)	\$0.519715~\$0.550286 / kg (Modal price: \$0.535 / kg)	30.10.2015
RHUBARB ROOT, CHINESE			
<p>Botanical name(s): <i>Rheum palmatum</i>, <i>R. tanguticum</i>, or <i>R. officinale</i> Chinese: Da huang (大黄) / Tibetan: lCum-rtsa (ལུམ་རྩ་སྐྱེ་བའི་རྩ་) / Pharmacopoeial name: Rhei Radix et Rhizoma</p>			
<b>Medicinal uses:</b>	<p><b>Traditional Chinese Medicine:</b> accumulation, stagnation and constipation caused by <i>excess heat</i>, hematemesis (vomiting blood) caused by <i>blood heat</i>, red eyes and swollen throat, swelling abscess, deep-rooted boil and sore, abdominal pain caused by intestinal abscess, blood-stasis amenorrhea (absence of menstruation), postpartum stasis and obstruction, injuries from falls and fights, <i>dampness-heat</i> dysentery, jaundice and red urine, stranguria (slow, painful urination), edema.</p> <p><b>Well-established use in European Medicine:</b> for short-term use in cases of occasional constipation.</p>		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Chengdu, Sichuan	21 CNY / kg (wild-collected, Sichuan origin)	\$3.32381 / kg	31.10.2015
RHUBARB ROOT, HIMALAYAN			
<p>Botanical name: <i>Rheum australe</i> (syn.: <i>R. emodi</i>) Indian trade name: Revandchini / Nepali: Padamchaal (पदमचाल) Pharmacopoeial name: Rhei Rhizoma</p>			
<b>Medicinal</b>	<b>Traditional Nepali Medicine:</b> used as a laxative (for constipation),		

<b>uses:</b>	anthelmintic (to expel parasitic worms), and to treat infection, sore throat, skin disease, gastritis, liver disease, gout, pregnancy-induced hypertension.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
Nepalgunj, Nepal	105 NPR / kg (wild collected Nepal)	\$1.02730 / kg	16.10.2015
<b>SCHISANDRA FRUIT - NORTHERN</b>			
Botanical name: <i>Schisandra chinensis</i> Chinese: Beiwuweizi (北五味子) Pharmacopoeial name: Schisandrae Chinensis Fructus			
<b>Medicinal uses:</b>	<b>Traditional Chinese Medicine:</b> 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		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
Anguo, Hebei	45.00 CNY / kg (Liaoning origin)	\$7.12245 / kg	31.10.2015
<b>SCHISANDRA FRUIT - SOUTHERN</b>			
Botanical name: <i>Schisandra sphenanthera</i> / Chinese name: Nanwuweizi (南五味子) Pharmacopoeial name: Schisandrae Sphenantherae Fructus			
<b>Medicinal uses:</b>	<b>Traditional Chinese Medicine:</b> 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		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
Chengdu, Sichuan	25.00 CNY / kg (wild-collected Sichuan)	\$3.95692 / kg	31.10.2015
<b>SENNA LEAF - TINNEVELLY</b>			
Botanical name: <i>Cassia angustifolia</i> Chinese name: fan xie yi (番瀉葉 or 番泻叶) / Sanskrit name: svarnapatri / Pharmacopoeial name: Sennae Angustifoliae Folium			
<b>Medicinal uses:</b>	<b>Well-established uses:</b> a) for short-term use in cases of occasional constipation		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
FOB Indian Port	600 INR / MT (Prime 3; Qty: 26 MT / 40' FCL)	\$0.9.17144 / kg	28.10.2015
Chengdu, Sichuan	8.50~10.00 CNY / kg (imported)	\$1.34535~\$1.58277 / kg	29.10.2015
<b>SHATAVARI ROOT</b>			
Botanical name: <i>Asparagus racemosus</i> Nepalese name: Satawari (Kurilo) / Sanskrit name: Satavari Pharmacopoeial name: Asparagi Racemosus Radix			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> 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		
	<b>Traditional Unani Medicine:</b> 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 NPR / kg	\$1.95676 / kg	16.10.2015

### 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.zycst.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](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