

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

June 2016

Rates of Exchange: 28 June 2016

CURRENCY	CODE	UNITS 1 / USD	UNITS 1 / EUR
Chinese Yuan Renminbi	CNY	6.64722	7.34709
EURO	EUR	0.904948	1.0000
Indian Rupee	INR	67.7661	74.8883
Nepalese Rupee	NPR	108.696	120.129
Russian Ruble	RUB	64.4849	71.2739
United States Dollar	USD	1.0000	1.10518

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	10200~22222 INR / quintal (= 100 kg); Modal price: 12175 INR / quintal	\$1.50628~\$3.28162 / kg (Modal price: \$1.79794 / kg)	28.06.2016
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	55.00 NPR / kg (wild-collected, Nepal)	\$0.505998 / kg	13.06.2016
Bohzou, Anhui	12.00 CNY / kg (Qty.: > 500 kg seedless; wild-collected)	\$1.80440 / kg	28.06.2016
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	64.00 CNY / kg (Grade I, Ningxia origin)	\$9.62267 / kg	27.06.2016
Chengdu, Sichuan	58.00 CNY / kg (Grade I, Xinjiang origin)	\$8.72054 / kg	25.06.2016
<b>BETLENUT (SEED)</b>			
Botanical name: <i>Areca catechu</i> Chinese: Binglang (檳榔) / Sanskrit: Puga, Kramuka, Ghona Pharmacopoeial name: Arecae Catechu Semen			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> a) tastelessness; b) contortion of the mouth; c) loss of vaginal muscle tone; d) leucorrhoea (white to yellow viscid discharge from the vagina or uterine cavity). <b>Traditional Chinese Medicine:</b> a) taeniasis (parasitic infection caused by the tapeworm); b) ascariasis (disease caused by the parasitic roundworm); c) fasciolopsiasis (diseases caused by the intestinal fluke); d) abdominal pain due to intestinal parasitosis; e) diarrhea due to accumulation of undigested food; f) oedema and weakness of the legs; g) malaria.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
Sirsi, Karnataka	15599~23099 INR / quintal (Modal price: 22323 INR / quintal; Bette variety cultivated)	\$2.30375~\$3.41139 / kg (Modal price: \$3.29678 /kg)	28.06.2016
<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	90 NPR / kg	\$0.827997 / kg	13.06.2016
<b>CHAMOMILE FLOWER (GERMAN)</b>			
Botanical name: <i>Matricaria recutita</i> Czech: heřmánkový květ / German: Kamillenblüten / Hungarian: Kamillavirágzat Pharmacopoeial name: Matricariae flos			
<b>Medicinal uses:</b>	<b>Traditional European Medicine:</b> a) or the symptomatic treatment of minor gastro-intestinal complaints such as bloating and minor spasms; b) for the treatment of minor ulcers and inflammations of the mouth and throat; c) for adjuvant therapy of irritations of skin and mucosae in the anal and genital region, after serious conditions have been excluded by a medical doctor; d) for the treatment of minor inflammation of the skin (sunburn) and superficial wounds and small boils (furuncles).		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED</b>	<b>DATE OF PRICE</b>

		TO US\$ / kg	
FOB Alexandria Port	US\$ 3610 / MT (tea bag cut / 20' FCL)	\$3.61 / kg	09.06.2016
FOB Alexandria Port	US\$ 4560 (certified organic; tea bag cut / 20' FCL)	\$4.56 / kg	09.06.2016
<b>CHEBULIC MYROBALAN FRUIT</b>			
Botanical names: <i>Terminalia chebula</i> or <i>T. chebula</i> var. <i>tomentella</i> Arabic: Halelaj / Chinese: he zi (訶子) / Nepali: Harro / Sanskrit: haritaki / Tamil: kaddukai Pharmacopoeial name: Chebulae Fructus			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> a) Sotha (inflammation); b) Arsa (piles); c) Aruci (tastelessness); d) Hrdroga (heart disease); e) Kasa (cough); f) Pandu (anemia); g) Prameha (increased frequency and turbidity of urine); h) Udavarta (upward movement of gases); i) Vibandha (constipation); j) Jirnajvara (chronic fever); k) Visama jvara (intermittent fever); l) Siroroga (disease of head); m) Tamaka svasa (bronchial asthma); n) Gulma (abdominal lump); o) Udararoga (diseases of abdomen).		
	<b>Traditional Chinese Medicine:</b> a) protracted diarrhoea with hematochezia (passage of bright red, bloody stools) and prolapse of the rectum; b) chronic cough with sore throat and hoarseness of voice.		
	<b>Traditional Siddha Medicine:</b> a) Kamalai (jaundice); b) Kan noykal (eye diseases); c) Kuruti alal (bleeding disorders); d) Malamilakki (constipation); e) Peru vayiru (ascites; abnormal accumulation fluid in the peritoneal cavity); f) Vitam (poison).		
	<b>Traditional Unani Medicine:</b> a) Zof-e-Basarat (asthenopia; eye strain); b) Zof-e-Dimagh (weakness of the brain); c) Zof-e-Meda (weakness of the stomach); d) Zof-e-Ama (weakness of the intestines).		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
FOB Mumbai Port, MH	US\$ 700 / MT (Crushed; Qty: 15 MT)	\$0.70 / kg	11.06.2016
FOB Mumbai Port, MH	US\$ 1650 / MT (Black Himej, Good Grade; Qty: 18 MT / FCL)	\$1.65 / kg	11.06.2016
Kathmandu, Nepal	70 NPR / kg (dried; without seed)	\$0.643998 / kg	13.06.2016
<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	400 NPR / kg	\$3.68000 / kg	13.06.2016
<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.		

MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Ex-whse New Jersey, USA	US\$ 1.95 / lb (Min. qty: 1,000 lbs)	\$4.29897 / kg (Min. qty: 454 kg)	21.06.2016
<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
FOB Egypt	US\$ 1200 / MT (Purity: 99.9 %; 14 MT / 20' FCL)	\$1.20 / kg	08.06.2016
FOB Egypt	US\$ 1600 / MT (Certified Organic; Purity: 99.9 %; Qty: 14 MT / 20' FCL)	\$1.60 / kg	08.06.2016
FOB Indian Port	US\$ 1020 / MT (Purity 99%; 13 MT)	\$1.02 / kg	28.06.2016
FOB Mumbai Port, MH	US\$ 1900 / MT (Grade: Europe Bold; Qty: 18 MT)	\$1.90 / kg	11.06.2016
<b>FENUGREEK SEED</b>			
Botanical name: <i>Trigonella foenum-graecum</i> Arabic: حلبة حسي; Chinese: hu lu ba (胡蘆巴) / Sanskrit: Methi Pharmacopoeial name: Trigonellae Foenugraeci Semen			
<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 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
Rajkot, Gujarat	3500~4200 INR / quintal (= 100 kg); Modal price: 4000 INR / quintal	\$0.516906~\$0.620286 / kg (Modal price: \$0.590749 / kg)	28.06.2016
FOB Indian Port	US\$ 642~805 / MT (Grade: Sortex; Qty: 21-24 MT / 20' FCL)	\$0.642~\$0.805 / kg	28.06.2016
<b>GINGER RHIZOME</b>			
Botanical name: <i>Zingiber officinale</i>			

Chinese: gan jiang (干姜) / Nepalese: Sutho / Sanskrit: Sunthi Pharmacopoeial name: Zingiberis Rhizoma			
<b>Medicinal uses:</b>	<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.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
Chengdu, Sichuan	17.50 CNY / kg	\$2.63140 / kg	27.06.2016
Kattappana, Kerala	12500~12500 INR / quintal (= 100 kg); Modal price: 12500 INR / quintal	\$1.84609~\$1.84609 / kg (Modal price: \$1.84609 / kg)	28.06.2016
FOB Mumbai Port, MH	US\$ 2715 / MT (Grade: Good; Qty 12.5 MT / 20' FCL)	\$2.715 / kg	14.06.2016
Nepalgunj, Nepal	210 NPR / kg	\$1.93199 / kg	13.06.2016
GOTU KOLA HERB			
Botanical name: <i>Centella asiatica</i> Chinese: ji xue cao (积雪草) / Sanskrit: Mandukaparni Pharmacopoeial name: Centellae Asiaticae Herba			
<b>Medicinal uses:</b>	<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.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
Chengdu, Sichuan	20 CNY / kg	\$3.00875 / kg	27.06.2016
HENNA LEAF			
Botanical name: <i>Lawsonia inermis</i> Arabic: Hina (حناء) / Sanskrit: Madyanti Pharmacopoeial name: Lawsoniae folium			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> a) vertigo; b) fever; c) itching; d) diseases of skin; e) bleeding disorder; f) jaundice; g) blood disorder; h) dysuria (painful urination); i) ulcer.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
FOB Alexandria Port	US\$ 1270 / MT (Powdered leaf; Qty: 20' FCL)	\$1.27 / kg	09.06.2016
INDIAN FRANKINCENSE EXUDATE			
Botanical name: <i>Boswellia serrata</i> Sanskrit: Kunduru, Sallaki			

Pharmacopoeial names: Gummi-resina Boswelliae Serratae; Olibanum			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> a) fever; b) excessive vaginal discharge; c) asthma; d) conjunctivitis; e) discharging of gravelly or sandy urine; f) pain due to ulcer; g) disease of mouth.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
FOB Mumbai Port	US\$ 5650 / MT (Grade A/ min 5 MT)	\$5.65 / kg	04.06.2016
FOB Mumbai Port	US\$ 5150 / MT (Grade B / min 5 MT)	\$5.15 / kg	04.06.2016
ISPAGHULA HUSK			
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.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
FOB Mumbai Port, MH	US\$ 7300 / MT (Grade: 95% Pure; Qty: 9 MT / 20' FCL)	\$7.30 / kg	11.06.2016
FOB Mumbai Port, MH	US\$ 8900 / MT (Grade: 99% Pure; Qty: 9 MT / 20' FCL)	\$8.90 / kg	11.06.2016
ISPAGHULA SEED			
Botanical name: <i>Plantago ovata</i> Sanskrit: Sat isabgola, Isabgola 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.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
Unjha, Gujarat	10225~11290 INR / quintal (= 100 kg); Modal price: 10700 INR / quintal	\$1.50991~\$1.66717/ kg (Modal price: \$1.58005/ kg)	28.06.2016
FOB Mumbai Port, MH	US\$ 2200 / MT (Machine Clean; Qty: 18 MT)	\$2.20 / kg	11.06.2016
JATAMANSI ROOT AND RHIZOME			
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	42.50 CNY / kg (wild-collected Sichuan)	\$6.39408 / kg	27.06.2016
Nepalgunj, Nepal	675.00 NPR / kg (wild-collected Nepal)	\$6.20998 / kg	13.06.2016
LIQUORICE ROOT			
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 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
FOB Alexandria Port	US\$ 3090 / MT (cut 2 cm; Qty: 20' FCL)	\$3.09 / kg	09.06.2016
FOB Alexandria Port	US\$ 3340 / MT (certified organic; cut 2 cm; Qty: 20' FCL)	\$3.34 / kg	09.06.2016
Chengdu, Sichuan	17.75 CNY / kg (wild-collected)	\$2.67022 / kg	27.06.2016
MAHUA FLOWER			
Botanical name: <i>Madhuca indica</i> (Syn.: <i>M. latifolia</i> ) Hindi: Mahuwa / Sanskrit: Gudapushpa Pharmacopoeial name: Madhucae Flos			
<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	3500~4000 INR/ quintal (Modal price: 3800 INR / quintal; wild-collected)	\$0.516645~\$0.590451 / kg (Modal price: \$0.560944 / kg)	28.06.2016
NIGELLA SEED			
Botanical name: <i>Nigella sativa</i> Arabic: الة سوداء حبة / Hindi: Kalaunji (कलौंजी) / Sanskrit: Upakuncika Pharmacopoeial name: Nigellae Semen			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> a) abdominal lump; b) flatulence; c) diarrhoea; d) worm infestation.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
FOB Alexandria Port	US\$ 3950 / MT (whole; Qty: 20' FCL)	\$3.95 / kg	09.06.2016

FOB Alexandria Port	US\$ 4380 / MT (certified organic; whole; Qty: 20' FCL)	\$4.38 / kg	09.06.2016
FOB Mumbai Port, MH	US\$ 3400 / MT (Sortex; Qty: 18 MT)	\$3.40 / kg	11.06.2016
<b>PEPPERMINT LEAF</b>			
Botanical name: <i>Mentha x piperita</i> Pharmacopoeial name: Menthae Piperitae Folium			
<b>Medicinal 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 Alexandria Port	US\$ 2160 / MT (rubbed 4 mm; Qty: 20' FCL)	\$2.16 / kg	09.06.2016
FOB Alexandria Port	US\$ 2660 / MT (certified organic; rubbed 4 mm; Qty: 20' FCL)	\$2.66 / kg	09.06.2016
<b>RHUBARB ROOT, CHINESE</b>			
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་སྐ) Pharmacopoeial name: Rhei Radix et Rhizoma			
<b>Medicinal uses:</b>	<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. <b>Well-established use in European Medicine:</b> 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>
Chengdu, Sichuan	17.75 CNY / kg (wild-collected Sichuan)	\$2.67033 / kg	27.06.2016
<b>RHUBARB ROOT, HIMALAYAN</b>			
Botanical name: <i>Rheum australe</i> (syn.: <i>R. emodi</i> ) Indian trade name: Revandchini / Nepali: Padamchaal (पदमचाल) Pharmacopoeial name: Rhei Rhizoma			
<b>Medicinal uses:</b>	<b>Traditional Nepali Medicine:</b> used as a laxative (for constipation), 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	100 NPR / kg (wild-collected Nepal)	\$0.919997 / kg	13.06.2016
<b>ROSEMARY LEAF</b>			
Botanical name: <i>Rosmarinus officinalis</i> Arabic: Ikleel al-Jabal (إكليل الجبل) / French: Feuille de Romarin Pharmacopoeial name: Rosmarini Folium			
<b>Medicinal</b>	<b>Traditional European Medicine:</b> a) (oral use): for symptomatic relief of		






<b>uses:</b>	dyspepsia and mild spasmodic disorders of the gastrointestinal tract; b) (bath additive) as an adjuvant in the relief of minor muscular and articular pain and in minor peripheral circulatory disorders.		
<b>MARKET</b>	<b>PRICE</b>	<b>CONVERTED TO US\$ / kg</b>	<b>DATE OF PRICE</b>
FOB Alexandria Port	US\$ 2810 / MT (certified organic; Qty: 20' FCL)	\$2.81 / kg	09.06.2016
<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>
Chengdu, Sichuan	85.00 CNY / kg	\$12.7877 / kg	27.06.2016
<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	24.00 CNY / kg (wild collected)	\$3.61065 / kg	27.06.2016
<b>SENNA LEAF</b>			
Botanical name: <i>Cassia angustifolia</i> Arabic: sanā (سنام يکى) / Chinese: fan xie yi (番瀉葉 or 番泻叶) / Sanskrit: 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 Mumbai Port, MH	US\$ 450~465 / MT (Indian origin; Prime 3; Qty: 26 MT / 40' FCL)	\$0.450~0.465 / kg	14.06.2016
Chengdu, Sichuan	8.50 CNY / kg (imported)	\$1.27914 / kg	27.06.2016
<b>SENNA POD</b>			
Botanical name: <i>Cassia angustifolia</i> Arabic: سنام يکى جراب - قرن Pharmacopoeial name: Sennae Angustifoliae Fructus			
<b>Medicinal uses:</b>	<b>Well-established uses:</b> a) for short-term use in cases of occasional constipation.		


MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
FOB Mumbai Port, MH	US\$ 960 / MT (Qty: 26 MT / 40' FCL)	\$0.960 / kg	14.06.2016
<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	375 NPR / kg (wild-collected, Nepal)	\$3.44999 / kg	13.06.2016
<b>ZEDOARY RHIZOME</b>			
Botanical name(s): <i>Curcuma zedoaria</i> ; <i>C. phaeocaulis</i> , <i>C. kwangsiensis</i> , <i>C. wenyujin</i> Chinese name: e zhu (莪朮) / Sanskrit name: karcura Pharmacopoeial name: Curcumae rhizoma			
<b>Medicinal uses:</b>	<b>Traditional Ayurvedic Medicine:</b> a) piles; b) hiccup; c) fever; d) cough; e) helminthiasis / worm infestation; f) skin diseases; g) asthma; h) abdominal lump; i) splenic disease; j) goiter.		
	<b>Traditional Chinese Medicine:</b> a) mass in the abdomen; b) amenorrhea due to <i>blood stasis</i> ; c) distension and pain due to stagnation of undigested food; d) carcinoma of cervix at early stage.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Chengdu, Sichuan	20.00 CNY / kg	\$3.01001 / kg	27.06.2016

### 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.zyccst.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/SpotPricelInfo.aspx>
-  Private companies

#### Nepal:

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

**USA:**

🌐 Private companies