

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

September 2016

Rates of Exchange: 18 September 2016

CURRENCY	CODE	UNITS 1 / USD	UNITS 1 / EUR
Chinese Yuan Renminbi	CNY	6.67470	7.44716
EURO	EUR	0.896275	1.0000
Indian Rupee	INR	67.0753	74.8379
Nepalese Rupee	NPR	106.850	119.216
Russian Ruble	RUB	65.4605	73.0362
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			
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
Fatehnagar, Rajasthan	14000~15410 INR / quintal (= 100 kg); Modal price: 15410 INR / quintal	\$2.08721~\$2.29742 / kg (Modal price: \$2.29742 / kg)	18.09.2016
AMLA FRUIT			
Botanical name: <i>Phyllanthus emblica</i> Chinese: Yuganzi (餘甘子); Hindi: Amla; Nepalese: Amala; Sanskrit: 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
Neemuch, Madhya Prad	50 INR / kg	\$0.745435 / kg	June 2016
Nepalgunj, Nepal	60.00 NPR / kg (wild-collected, Nepal)	\$0.559620 / kg	09.09.2016
Bohzou, Anhui	12.00 CNY / kg (Qty.: > 500 kg seedless; wild-collected)	\$1.79911 / kg	18.09.2016
ASHWAGANDHA ROOT			

Botanical name: <i>Withania somnifera</i> Pharmacopoeial name: Withaniae Somniferae Radix			
Medicinal uses:	Traditional Ayurvedic Medicine: a) inflammatory disorders; b) phthisis (any wasting or atrophic disease, weakness, diseases due to vata dosha); 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; and f) arthritis.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Neemuch, Madhya Prad	245 INR / kg	\$3.65270 / kg	June 2016
FOB Mumbai Port	US\$ 4000 / MT (Grade: Nr. 1; Qty. 15 MT)	\$4.00 / kg	29.08.2016
BARBARY WOLFBERRY FRUIT			
Botanical name: <i>Lycium barbarum</i> Chinese: 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) anaemia; d) impaired vision.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Chengdu, Sichuan	68.00 CNY / kg (Grade 280, Ningxia origin)	\$10.1981 / kg	19.09.2016
BETLENUT (SEED)			
Botanical name: <i>Areca catechu</i> Chinese: Binglang (檳榔) / Sanskrit: Puga, Kramuka, Ghona Pharmacopoeial name: Arecae Catechu Semen			
Medicinal uses:	Traditional Ayurvedic Medicine: 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).		
	Traditional Chinese Medicine: 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.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Puttur, Karnataka	8000~14000 INR / quintal (Modal price: 12500 INR / quintal; Cqca variety cultivated)	\$1.19268~\$2.08721 / kg (Modal price: \$1.86357 /kg)	18.09.2016
CALAMUS RHIZOME			
Botanical name: <i>Acorus calamus</i> Chinese: zang chang pu (藏菖蒲) / Nepalese: Bojho / Sanskrit: 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) tonify stomach <i>yang</i> ; b) treat maldigestion and food stagnation; c) diphtheria.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Chennai, Tamil Nadu	65 INR / kg	\$0.969066 / kg	June 2016
Nepalgunj, Nepal	90 NPR / kg	\$0.839427 / kg	09.09.2016
CHEBULIC MYROBALAN FRUIT			
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			
Medicinal uses:	Traditional Ayurvedic Medicine: 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).		
	Traditional Chinese Medicine: 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.		
	Traditional Siddha Medicine: 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).		
	Traditional Unani Medicine: 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).		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Amritsar, Punjab	22 INR / kg	\$0.327990 / kg	June 2016
FOB Mumbai Port, MH	US\$ 425 / MT (Good Yellow; Qty: 15 MT)	\$0.425 / kg	29.08.2016
FOB Mumbai Port, MH	US\$ 1750 / MT (Black Himej, Good Grade; Qty: 22 MT / FCL)	\$1.75 / kg	29.08.2016
Kathmandu, Nepal	80 NPR / kg (dried; without seed)	\$0.746158 / kg	09.09.2016
CHIRATA HERB			
Botanical name: <i>Swertia chirayita</i> Nepalese: Chiraito / Sanskrit: 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
Amritsar, Punjab	425 INR / kg	\$6.33620 / kg	June 2016

Nepalgunj, Nepal	425 NPR / kg	\$3.96396 / kg	09.09.2016
CRANBERRY FRUIT			
Botanical name: <i>Vaccinium macrocarpon</i> French: canneberge / Spanish: 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-whse New Jersey, USA	US\$ 1.95 / lb (Min. qty: 1,000 lbs)	\$4.29897 / kg (Min. qty: 454 kg)	10.08.2016
FENNEL FRUIT, SWEET			
Botanical name: <i>Foeniculum vulgare</i> Arabic: شمر; Chinese: xiao hui xiang (小茴香) / Hindi: Saunf / Sanskrit: 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) dysmenorrhoea 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
Chengdu, Sichuan	12 CNY / kg (northwest China origin)	\$1.79959 / kg	19.09.2016
FOB Egypt	US\$ 1200 / MT (Qty.: 40' FCL)	\$1.20 / kg	23.08.2016
FOB Indian Port	US\$ 1130 / MT (Purity 99%; 13 MT)	\$1.13 / kg	12.09.2016
FOB Mumbai Port, MH	US\$ 1625 / MT (Grade: Europe; Qty: 18 MT)	\$1.625 / kg	29.08.2016
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:	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 oedema 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
FOB Egypt	US\$ 700 / MT (Grade: Sortex; Qty.: 40' FCL)	\$0.70 / kg	23.08.2016
FOB Indian Ports	US\$ 596~820 / MT (Grade: Sortex; Qty.: 21-24 MT / 20' FCL)	\$0.596~\$0.820 / kg (range from 3 different suppliers)	Late August-Early September 2016

GINGER RHIZOME			
Botanical name: <i>Zingiber officinale</i> Chinese: gan jiang (干姜) / Nepalese: Sutho / Sanskrit: Sunthi Pharmacopoeial name: Zingiberis Rhizoma			
Medicinal uses:	Traditional Ayurvedic Medicine: a) digestive impairment; b) flatulence; c) anaemia; d) asthma; e) abdominal diseases; and f) rheumatism.		
	Traditional Chinese Medicine: a) epigastric pain with cold feeling, vomiting and diarrhoea accompanied with cold extremities and faint pulse; and b) dyspnoea 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
Chengdu, Sichuan	15.00 CNY / kg (Yunnan origin)	\$2.24979 / kg	19.09.2016
Kothamangalam, Kerala	16000~17000 INR / quintal (= 100 kg); Modal price: 16500 INR / quintal	\$2.38537~\$2.53446 / kg (Modal price: \$2.45991 / kg)	18.09.2016
FOB Mumbai Port, MH	US\$ 2300 / MT (Grade: Good; Qty 12.5 MT / 20' FCL)	\$2.30 / kg	31.08.2016
FOB Mumbai Port, MH	US\$ 2800 / MT (Grade: A1; Qty. 13 MT / 20' FCL)	\$2.80 / kg	29.08.2016
Nepalgunj, Nepal	190 NPR / kg	\$1.77212 / kg	09.09.2016
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:	Traditional Ayurvedic Medicine: 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.		
	Traditional Chinese Medicine: 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	8.00 CNY / kg	\$1.19996 / kg	19.09.2016
FOB Mumbai Port, MH	US\$ 3700 / MT (Grade: Clean; Qty. 12 MT)	\$3.70 / kg	29.08.2016
HENNA LEAF			
Botanical name: <i>Lawsonia inermis</i> Arabic: Hina (حناء) / Sanskrit: Madyanti Pharmacopoeial name: Lawsoniae folium			
Medicinal uses:	Traditional Ayurvedic Medicine: a) vertigo; b) fever; c) itching; d) diseases of skin; e) bleeding disorder; f) jaundice; g) blood disorder; h) dysuria (painful urination); i) ulcer.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE

Jaipur, Rajasthan	50 INR / kg	\$ 0.745435 / kg	June 2016
FOB Egypt Port	US\$ 1270 / MT (Powdered leaf; Qty: 20' FCL)	\$1.27 / kg	June 2016
INDIAN FRANKINCENSE EXUDATE			
Botanical name: <i>Boswellia serrata</i> Sanskrit: Kunduru, Sallaki Pharmacopoeial names: Gummi-resina Boswelliae Serratae; Olibanum			
Medicinal uses:	Traditional Ayurvedic Medicine: 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.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Amritsar, Punjab	210 INR / kg	\$3.13083 / kg	June 2016
ISPAGHULA HUSK			
Botanical name: <i>Plantago ovata</i> Pharmacopoeial name: Plantaginis Ovatae Seminis Tegumentum			
Medicinal uses:	Well-established uses: 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
Jaipur, Rajasthan	460 INR / kg	\$6.85800 / kg	June 2016
FOB Mumbai Port, MH	US\$ 7600 / MT (Grade: 95% Pure; Qty: 9 MT / 20' FCL)	\$7.30 / kg	29.08.2016
FOB Mumbai Port, MH	US\$ 9200 / MT (Grade: 99% Pure; Qty: 9 MT / 20' FCL)	\$8.90 / kg	29.08.2016
ISPAGHULA SEED			
Botanical name: <i>Plantago ovata</i> Sanskrit: Sat isabgola, Isabgola 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 haemorrhoids.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Unjha, Gujarat	9755~12125 INR / quintal (= 100 kg); Modal price: 11200 INR / quintal	\$1.45434~\$1.80767 / kg (Modal price: \$1.66976/ kg)	18.09.2016
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			

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) (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
Amritsar, Punjab	980 INR / kg	\$14.6105 / kg	June 2016
Chengdu, Sichuan	40.00 CNY / kg (wild-collected Sichuan)	\$5.99853 / kg	12.09.2016
Nepalgunj, Nepal	750.00 NPR / kg (wild-collected Nepal)	\$6.99525 / kg	09.09.2016
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			
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
Amritsar, Punjab	130 INR / kg	\$1.93813 / kg	June 2016
Chengdu, Sichuan	9.50 CNY / kg (wild-collected Xinjiang)	\$1.42449 / kg	19.09.2016
FOB Egypt Port	US\$ 3090 / MT (cut 2 cm; Qty.: 20' FCL)	\$3.09 / kg	June 2016
FOB Mumbai Port, MH	US\$ 2750 / MT (yellow slices; Qty: 15 MT)	\$2.75 / kg	29.08.2016
MAHUA FLOWER			
Botanical name: <i>Madhuca indica</i> (Syn.: <i>M. latifolia</i>) Hindi: Mahuwa / Sanskrit: 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
Lohardaga, Jharkhand	5000~5500 INR/ quintal (Modal price: 5250 INR / quintal; wild-collected)	\$0.745431~\$0.819974 / kg (Modal price: \$0.782702 / kg)	18.09.2016
MOLOKHIA LEAF			
Botanical name: <i>Corchorus olitorius</i> Arabic: Mulukhiyah (ملوخية) Pharmacopoeial name: Corchori Olitorius Folium			

Medicinal uses:	Traditional Egyptian Medicine: a) chronic cystitis (inflammation of the urinary bladder); b) dysuria (painful urination); c) gonorrhoea; d) fever		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
FOB Egypt	US\$ 2300 / MT (whole dry leaf; Qty.: FCL)	\$2.30 / kg	23.08.2016
FOB Egypt	US\$ 975 / MT (crushed dry leaf; Qty.: FCL)	\$0.975 / kg	23.08.2016
NIGELLA SEED			
Botanical name: <i>Nigella sativa</i> Arabic: حبة السوداء / Hindi: Kalaunji / Sanskrit: Upakuncika Pharmacopoeial name: Nigellae Semen			
Medicinal uses:	Traditional Ayurvedic Medicine: 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	June 2016
FOB Mumbai Port, MH	US\$ 3220 / MT (Sortex; Qty: 18 MT)	\$3.22 / kg	29.08.2016
PEPPERMINT LEAF			
Botanical name: <i>Mentha x piperita</i> Pharmacopoeial name: Menthae Piperitae Folium			
Medicinal uses:	Traditional European Medicine: a) for the symptomatic relief of digestive disorders such as dyspepsia and flatulence.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
FOB Egypt	US\$ 1700 / MT (crushed; Qty: 40' FCL)	\$1.70 / kg	23.08.2016
RHUBARB ROOT, CHINESE			
Botanical name(s): <i>Rheum palmatum</i> , <i>R. tanguticum</i> , or <i>R. officinale</i> Chinese: Da huang (大黄) / Tibetan: ICum-rtsa (ལུ་མ་རྩ་ཅན་) Pharmacopoeial name: Rhei Radix et Rhizoma			
Medicinal uses:	Traditional Chinese Medicine: accumulation, stagnation and constipation caused by excess <i>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. Well-established use in European Medicine: for short-term use in cases of occasional constipation.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Chengdu, Sichuan	21.00 CNY / kg (wild-collected Sichuan)	\$3.14882 / kg	19.09.2016
RHUBARB ROOT, HIMALAYAN			
Botanical name: <i>Rheum australe</i> (syn.: <i>R. emodi</i>) Indian trade name: Revandchini / Nepali: Padamchaal Pharmacopoeial name: Rhei Rhizoma			
Medicinal uses:	Traditional Nepali Medicine: 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.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Jaipur, Rajasthan	70 INR / kg	\$1.04361 / kg	June 2016
Nepalgunj, Nepal	100 NPR / kg (wild-collected Nepal)	\$0.932697 / kg	09.09.2016
ROSEMARY LEAF			
Botanical name: <i>Rosmarinus officinalis</i> Arabic: Ikleel al-Jabal (إكليل الجبل) / French: Feuille de Romarin Pharmacopoeial name: Rosmarini Folium			
Medicinal uses:	Traditional European Medicine: a) (oral use): for symptomatic relief of 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.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
FOB Egypt	US\$ 1750 / MT (Qty.: 40' FCL)	\$1.75 / kg	23.08.2016
SCHISANDRA FRUIT - NORTHERN			
Botanical name: <i>Schisandra chinensis</i> Chinese: Beiwuweizi (北五味子) Pharmacopoeial name: Schisandrae Chinensis Fructus			
Medicinal uses:	Traditional Chinese Medicine: 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.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Chengdu, Sichuan	100.00 CNY / kg (Liaoning origin)	\$14.9947 / kg	19.09.2016
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 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.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Chengdu, Sichuan	21.50 CNY / kg (wild collected)	\$3.22358 / kg	19.09.2016
SENNA LEAF			
Botanical name: <i>Cassia angustifolia</i> Arabic: sanā (سناميكى أوراق) / Chinese: fan xie yi (番瀉葉 or 番泻叶) / Sanskrit: svarnapatri Pharmacopoeial name: Sennae Angustifoliae Folium			
Medicinal uses:	Well-established uses: a) for short-term use in cases of occasional constipation.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE

Jaipur, Rajasthan	45 INR / kg	\$0.670892	June 2016
FOB Mumbai Port, MH	US\$ 435 / MT (Indian origin; Prime 3; Qty: 26 MT / 40' FCL)	\$0.435 / kg	31.08.2016
Chengdu, Sichuan	8.00 CNY / kg (imported)	\$1.19996 / kg	19.09.2016
SENNA POD			
Botanical name: <i>Cassia angustifolia</i> Arabic: قرن - جراب سنمىكى 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, MH	US\$ 955 / MT (Qty: 26 MT / 40' FCL)	\$0.955 / kg	31.08.2016
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) 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. Traditional Unani Medicine: a) diarrhoea; b) spermatorrhoea; c) excessive nocturnal emission; d) leucorrhoea; e) premature ejaculation; f) dysentery.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
Neemuch, Madhya Prad	155 INR / kg	\$2.31085 / kg	June 2016
Nepalgunj, Nepal	375 NPR / kg (wild-collected, Nepal)	\$3.49761 / kg	09.09.2016
SICKLE-POD SENNA SEED			
Botanical name: <i>Cassia tora</i> Chinese name: jue ming zi (决明子) / Sanskrit name: prapunnada Pharmacopoeial name: Cassiae semen			
Medicinal uses:	Traditional Ayurvedic Medicine: a) skin diseases; b) disorders due to ulcers; c) taeniasis (tapeworms); d) hemiplegia (paralysis); e) constipation; f) abdominal lump; g) helminthiasis (worm infestation); h) eczema; i) itching; j) asthma; k) cough. Traditional Chinese Medicine: a) inflammation of the eye with pain; b) photophobia (eye discomfort in bright light) and lacrimation (abnormal secretion of tears); c) headache; d) dizziness; e) blurred vision; f) constipation.		
MARKET	PRICE	CONVERTED TO US\$ / kg	DATE OF PRICE
FOB Mumbai Port Maharashtra	US\$ 750 / MT (Grade: Medium Bold; Qty: 24 MT / 40' FCL)	\$0.75 / kg	29.08.2016

Chengdu, Sichuan	6.00 CNY / kg (Origin: imported)	\$0.899990 / kg	19.09.2015
ZEDOARY RHIZOME			
Botanical name(s): <i>Curcuma zedoaria</i> ; <i>C. phaeocaulis</i> , <i>C. kwangsiensis</i> , <i>C. aromatica</i> (syn. <i>C. wenyujin</i>); Chinese name: e zhu (莪术) / Sanskrit name: karcura Pharmacopoeial name: Curcumae rhizoma			
Medicinal uses:	Traditional Ayurvedic Medicine: 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.		
	Traditional Chinese Medicine: 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	13.00 CNY / kg (Guangxi origin)	\$1.94986 / kg	19.09.2016
FOB Mumbai Port, MH	US\$ 5000 / MT (slices; <i>C. aromatica</i> ; Qty.: 12 MT)	\$5.00 / kg	29.08.2016

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>
- National Medicinal Plants Board (NMPD) Mandi Price List, prepared by Federation of Medicinal and Aromatic Plants Stakeholders (FEDMAPS): <http://nmpb.nic.in/>
- National Multi-Commodity Exchange of India Ltd. (NMCE): <http://www.nmce.com/marketdata/SpotPriceInfo.aspx>
- Private companies

Nepal:

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

USA:

- Private companies