

19.3 List of Important Non-traditional Oilseeds

Botanical name	Common name	Distribution	Oil content (%)	Uses
<i>Actinodaphne hookeri</i>	Pisa	Evergreen forests of E. & W. ghats, Orissa, Karnataka, Sikkim and NE India up to 1500m	48	Soaps, Industrial chemicals (for cosmetics, textiles, pharmaceuticals & perfumery), Biodiesel
<i>Aisandra butyracea</i>	Phulwara	Sub himalayan tract and outer Himalayas from Kumaon to Sikkim	42-47	Cocoa butter substitute, vanaspati, medicinal
<i>Aleurites fordii</i>	Tung oil	Assam, Bengal, Bihar, Karnataka	50-60*	Industrial
<i>Aphanamixes polystachya</i>	Amoora	E. Uttar Pradesh, Bengal, Assam, W. ghats, Andamans	35*	Soaps, illuminations, medicinal
<i>Azadirachta indica</i>	Neem	Throughout India, more in the dry forests of A.P., T.N. & Karnataka	35-40*	Medicinal, Biodiesel
<i>Bombax ceiba</i>	Silk cotton	Throughout India	20	Illumination
<i>Calophyllum inophyllum</i>	Undi	Along sea coasts	50-73*	Illumination, soap, Biodiesel
<i>Ceiba pentandra</i>	Safed semul/ white silk cotton	Throughout the hotter parts of India	28	Illumination soaps, edible grade oil
<i>Citrullus colocynthis</i>	Tumba	Arid & semi-arid regions of Haryana, Gujarat & Rajasthan	21	Soap, Biodiesel
<i>Garcinia indica</i>	Kokum	Forests of W. ghats in S. Mah. & slopes of Nilgiri hills	33-44*	Cocoa butter substitute, soaps, candles
<i>Holarrhena antidysentrica</i>	Kurchi	Throughout India	19-30	Medicinal
<i>Holarrhena kurzii</i>	Chaulmoogra	Evergreen forests of upper Assam & Tripura	33-55*	Medicinal, soaps
<i>Hydnocarpus wightiana</i>	Maroti	Forests of W. ghats	63*	Medicinal (for leprosy) , Biodiesel
<i>Jatropha curcas</i>	Ratanjyot	Throughout India (dry tropical areas)	30-40	Industrial, medicinal, soap, Biodiesel
<i>Juglans regia</i>	Wild walnut	Kashmir, Hills of H.P., U.P. & Assam	60-70*	Edible, printing inks, oil colours, varnishes, soaps, Biodiesel
<i>Litsea cubeba</i>	Siltimur	E. Himalayas, Assam, Manipur	22	Illumination
<i>Litsea glutinosa</i>	Garbijaur	Punjab, H.P., Assam, Bengal, S. India	35-48	Candles, soap
<i>Litsea monopetala</i>	Mauda	E., N., and central India (up to 1200m)	21	Candles, medicinal
<i>Madhuca indica</i>	Mahua	Central India, plains of N. India	35	Cocoa butter substitute, vanaspati, soap
<i>Madhuca longifolia</i>	S. Indian Mahua	Monsoon forests of W. ghats, Deccan & other parts of S. India	35	Soap, illumination

556 Oilseeds Compendium - 2015

Botanical name	Common name	Distribution	Oil content (%)	Uses
<i>Mallotus philippinensis</i>	Kamala	Himalayan foothills , Bengal, Orissa, M.P. and Maharashtra	35*	Paints, varnish
<i>Mangifera indica</i>	Mango	Throughout India (tropical regions)	11*	Cocoa butter substitute, vanaspati
Botanical name	Common name	Distribution	Oil content (%)	Uses
<i>Melia azedarach</i>	Persian lilac	Sub-himalayan tract (up to 1800m)	30	Soaps, hair oil
<i>Mesua ferrea</i>	Nahor	Forests of N.E. India, Karnataka, Kerala	45	Soaps, lubricants, illumination, medicinal, Biodiesel
<i>Michelia champaca</i>	Champa	Assam, Bengal, W. ghats	32	Medicinal, Biodiesel
<i>Mimusops elengi</i>	Maulsari	Central and S. India	16-25*	Edible, illumination, Biodiesel
<i>Moringa oleifera</i>	Sainjna	Indigenous to N.W. India, cultivated throughout India	21-24	Edible, illumination, lubricant, cosmetics, medicinal
<i>Myrica nagi</i>	Kaiphali	Sub tropical Himalayas upto 2100 m.	20-25	Candles, soap, Biodiesel
<i>Myristica malabarica</i>	False Nutmeg	W. ghats (Konkan southwards)	40*	illumination, soaps, medicinal
<i>Olea ferruginea</i>	Indian olive	Himalayas (upto 2400m)	15	Soaps, medicinal
<i>Perilla frutescens</i>	Bhanjira	Himalayas (upto 3500m), Assam, Bihar	45	Paints, varnishes, printing inks, enamels
<i>Pongamia pinnata</i>	Karanja	Throughout India (up to 1200m)	27-39	Soaps, lubricants, illumination, industrial, Biodiesel
<i>Prinsepia utilis</i>	Bhikal	Uttar Pradesh	37*	Edible, illumination, soaps, medicinal
<i>Prunus armeniaca</i>	Common apricot	Sub-temperate region of J&K, H.P& U.P.(1200 to 2500m)	45-50*	Medicinal, cosmetics, confectionery
<i>Prunus persica</i>	Peach	Kashmir, H.P., sub-montane tracts of Punjab, U.P.	32-45*	Edible, pharmaceuticals, cosmetics, illumination
<i>Rhus succedanea</i>	Wax tree	Kashmir to Assam (up to 2500 m)	20-30*	Polish, candles
<i>Salvadora oleoides</i>	Pilu	Arid regions of Punjab & W. India	33	Soap, candles, Biodiesel
<i>Sapium sebiferum</i>	Chinese tallow	N. W. India	53-64*	Soap, candles, paints, varnishes, plastics
<i>Schleichera oleosa</i>	Kusum	Forests of Sub- Himalayan tracts in N. & E. parts of India	34	Soap, medicinal, illumination, lubricant, Biodiesel
<i>Shorea robusta</i>	Sal	Cent. Himalayas & foot-hills of Himalayas in sub temperate regions	13*	Cocoa butter substitute, soap, vanaspati
<i>Simarouba glauca</i>	Aceituno	A.P., Karnataka, Maharashtra, Orissa, T.N.	60*	Cocoa butter substitute, soaps

Botanical name	Common name	Distribution	Oil content (%)	Uses
<i>Simmondsia chinensis</i>	Jjoba	Gujarat, Haryana, Rajasthan	50	Lubricants, adhesives, pharmaceuticals, Biodiesel
<i>Vateria indica</i>	Dhupa	Forests of Western ghats	20-22	Confectionery, soaps, candles, medicinal, Biodiesel
<i>Simarouba glauca</i>	Simarouba	Karnataka, Andhra Pradesh. and Telangana	60-70	Biodiesel, medicine, cake as manure, insecticide, biogas production, edible oil
<i>Armeniaca vulgaris</i>	Wild Apricot	J&K, H.P., Uttarakhand	30	Wood for agricultural implements, thatching mud houses as fuel & as biofuel, fruits for edible, processing & alcoholic drink, oil for cooking
<i>Diploknema butyracea</i>	Cheura	Uettraarlaakhand	42-47	Pulp, wood as fuel, resin used in glue, seeds shree or butter, extracted for edible purpose and biofuel, fruit sweet and edible
<i>Jatropha curcas</i>	Jatropha	All India	30-40	Biodiesel, cake as manure, medicine, insecticide, biogas production

*oil % in kernel