

DATABASE OF OIL YEILDING PLANTS

**BOTANIC GARDEN OF INDIAN REPUBLIC (BGIR)
BOTANICAL SURVEY OF INDIA
NOIDA**

(A) FUEL OIL YIELDING PLANTS LIST (NON EDIBLE)

Sl. No.	Name of the plant	Family Name	Uses	Hindi Name
1.	Alangium salvifolium (Linn.f.) Wang.	Alangiaceae, yield fatty oil	Seed yield oil-illuminant	Akola
2.	Aphanamixis piolystachya (Wall.) Parker	Meliaceae	Kernels yield oil-illuminant	Harinhara
3.	Azadirachta indica A. Juss	Meliaceae	Kernels yields an oil-illuminant	Nim
4.	Barringtonia racemosa Roxb. (L.) Spreng.	Barringtoniaceae / Lecythidaceae	The seed oil-illuminant-used in lamps	Ingar
5.	Calophyllum inophyllum L. C. apetalum Willd.	Clusiaceae	Seed oil-used for burning	Sultanachampa
6.	Calophyllum polyanthum Wall. ex Choisy		Seed kernel oil-Lighting	-
7.	Canarium strictum Roxb.	Burseraceae	Resin is used as an illuminant. On destructive distillation it yields an oil (75%) known as DAMMAR OIL	Kaaladamar
8.	C. zeylanicum (Retz.) Bl. (Native of Sri Lanka)	Burseraceae	Kernel oil used for lighting-illuminant,	-
8.	Cerbera manghas L.	Apocynaceae	Seed oil-illuminant, Odolla fat producing	-
9.	Cirsium arvense (L.) Scop. (Native of Europe)	Asteraeae	Seed oil-illuminant	-
10.	Entada rheedei Spreng.	Mimosaceae	Seed oil-used in lamps	-
11.	Argemone mexicana L.	Papaveraceae	Seed oil used as illuminant	Bramhadandi
12.	Hernandia ovigera L.	Hernandiaceae	Seed kernel-fuel purpose, essential oils	-
13.	Hibiscus cannabinus L.	Malvaceae	Seed oil-lighting	-
14.	Hydnocarpus alpina Wight	Flacourtiaceae	Seed oil-illuminant	-
15.	Jatropha curcas L.	Euphorbiaceae	Seed oil-Illuminant(burns without soot)	-
16.	J. gossypifolia L.	Euphorbiaceae	Seed oil-lamps	Bherenda
17.	Joannesia princeps Vell	Euphorbiaceae	Seed oil-fuel	Bherenda

18.	<i>Neolitsea umbrosa</i> (Nees) Gamble	Lauraceae	Fruit oil-burning	-
19.	<i>Palaquium ellipticum</i> (Dalz.) Baill.	Sapotaceae	Seed oil-lighting, fatty oils for soap making	
20.	<i>Pongamia glabra</i> Vent. <i>Derris indica</i> (Lank.) Bennett.	Fabaceae	Seed oil-illuminant	Karanj
21.	<i>Putranjiva roxburghii</i> Wall. <i>Drypetes roxburghii</i> (Wall.) Hurusawa	Euphorbiaceae	Seed kernel oil-burning,, Kernel yield an essential oil, seeds yield a fatty oil used for burning	Jiaputra, Jivaputra
22.	<i>Rhus semialata</i> Murr.	Anacardiaceae	Vegetable wax extracted from fruits used for making candles)	Tatri
23.	<i>Ricinus communis</i> Linn.	Euphorbiaceae	Seed oil-fuel, Seeds yield castor oil, a fatty oil used as cathartic and also for lubrication and illumination	Erandi, Castor
24.	<i>Salvadora oleoides</i> Decne	Salvadoraceae	Seed fat-candle making, soap making	Bahapilu, Beng
25.	<i>Sterculia foetida</i> Linn.	Sterculiaceae	Seed oil-illuminant	-
26.	<i>Xylocarpus moluccensis</i> (Lam) Roem. <i>Carapa moluccensis</i> Lam.	Meliaceae	Seed oil-illuminant	-
27.	<i>Garcinia rubro-echinata</i> Kosterm.	Clusiaceae	Seed oil-illuminant	-
28.	<i>Gymnacranthera canarica</i> Warb.	Myristicaceae	Seed fat-burning	-
29.	<i>Mesua ferrea</i> L.	Clusiaceae	Seed oil-illuminant, fatty oil and for soap making	Nagesar
30.	<i>Tamarindus indica</i> L.	Caesalpiniaceae	Seed kernels-burning lamps, fatty oil of seeds is used in making paints	Imli
31.	<i>Caseabela thevetia</i> (L.) Lippold <i>Thevetia peruviana</i> (Pers.) Merr. (Sometimes edible)	Apocynaceae	Seed oil-burning	-
32.	<i>Viburnum coriaceum</i> Blume (Nepalese use it for edible purposes)	Caprifoliaceae	Seed oil-burning, Seeds yield fatty oil used for burning	-

33.	<i>Celastrus paniculatus</i> Willd.	Celastraceae	Seed oil-illuminant	-
34.	<i>Neolitsea cassia</i> (Linn.) Kostermans Syn.	Lauraceae	Kernel oil-burning	
35.	<i>Sarcostigma kleinii</i> Wight & Arn.	Icacinaceae	Seed oil-illuminant	
36.	<i>Vateria indica</i> Linn. (Non-edible)	Dipterocarpaceae	Seeds yield semi solid fat used for making candles.	Safed daman

(B) FUEL OIL YIELDING PLANTS (EDIBLE)

Sl. No.	Name of the plant	Family Name	Uses	Hindi Name
1.	Aleurites mohiccana (Linn.) Willd.	Euphorbiaceae	Candels shaped from the paste of kernels used for illuminations Kernels yield oil-illuminant	Candle nut tree
2.	Carthamus tinctorius Linn.	Asteraceae	Safflower Seed oil-illuminant	Kusum
3.	Cannabis sativa Linn. (Having properties of linseed oil)	Cannabinaceae	Hemp seed oil. Seed yields 30-35% oil-illuminant.	Bhang
4.	Xanthium strumarium Linn.	Asteraceae	Seed oil-illuminant	Banokra
5.	Citrullus colocynthis (Linn.) Schrad.	Cucurbitaceae	Seed oil (16.7%)-illuminant (Suitable for human consumption)	Indrayan Makul
6.	Citrullus lanathus (Thunb.) Matsumara & Nakai (Watermelon)	Cucurbitaceae	Seed oil-illuminant	
7.	Prunus domestica L. var. institia (L.) Bailey Prunus communis Huds. var. insititia L.	Rosaceae	Kernel Oil-plum oil used as an illuminant	Badam
8.	Santalum album Linn.	Santalaceae	Seed oil-illuminant	Chandan
9.	Schleichera oleosa (Lour.) Oken	Sapindaceae	Kernel oil-illuminant (Edible kusum oil)	Kusum

(C) OIL YEILDING PLANTS

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
1.	Abelmoschus manihot (L.) Medic. Hibiscus manihot L.	Malvaceae	Kantalo, Bhindo (Guj.); Jangali bhendi, ranbhendo (Mar.); Usipag (Ass.)	Shrub (Native of China)	Seeds yields a non-edible oil (NOT USED AS FUEL)
2.	Abelmoschus moschatus Medic. Hibiscus abelmoschus L.	Malvaceae	Kasturidana, mushdana (Beng. & Hind.); Kadu Kasturi (Kan.) Kattukasthuri (Mal.) Mushk bhend; bij (Mar.) Gandapura, kasturi latika, Latakasturikam (Sansk.) Kattu kasturi, Vatillai kasturi (Tamil); Kasturi benda, Kasturi bhend-vittulu (Telugu)	Annual (or) Biennial Herb	Non-edible oil known as Musk Seed oil (or) Ambrette seed oil, used in perfume (NOT USED AS FUEL)
3.	Abies pindrow Royle	Abietaceae/ Pinaceae	Morinda, Raha, Raisalla, Ransla, Span (Hindi); Badar, Drewar, Krok, Tungl (Kashmir); Raludar, Rai, Rewar, Tos (Punjab)	Tall tree	Leaves yield pale yellow aromatic oil (NOT USED AS FUEL)
4.	Abrus precatorius L.	Fabaceae	Chun-hali, kunch (Beng); Chanothi, Gunja (Guj.); Ganchi, Gunche (Hindi); Ganji, Gulganju, Gulugani, Madhuka (kan.) Kunni, Kunnikuru (Mal.);	Climber	Seeds yield light reddish oil (NOT USED AS FUEL)

SI. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			Chanoti, Gunehi, Gunja (Mar.); Gunja (Sans.) Gundumani (Tam.); Guruginia, guruvenda (Telugu); Gunja, Runji (Oriya). Liluwani Raturmani (Assam); Labrigunchi, Ratak (Punjab)		
5.	<i>Acacia decurrens</i> Willd. (non-indigenous)	Mimosaceae	Common wattle, Green Wattle (Eng.) Seemai vdam pattai (Tamil)	Tree (Native of Australia)	The seeds yield a pale-brown fatty oil.
6.	<i>Acacia nilotica</i> Delile sub sp. indica (Benth.) Brenan	Mimosaceae	Babul, Black Babool, Indian Gum Arabic Tree (Eng.); Babul (Beng. & Hindi); Gobbli (Kann.) Karivelan (Mal.) Babbul (Mar.) Karuvelei (Tam); Nallatumma (Tel.)	Moderate sized tree	The seeds yield a brownish oil
7.	<i>Achillea millefolium</i> L.	Asteraceae	Milfoil, yarrow (Eng.) Biramjasif (Guj.) Gandana (Hindi) Roojamari (Kannada) Rojmari (Bombay) Biranjasif (Him-prad). Akarkhara, Chopandiga, Momardu (Kashmir)	Perennial Herb	The aerial parts of the flg. herb yellowish green or dark blue essential oil known as 'oil of Mitfoil, with a strong aromatic.
8.	<i>Acorus calamus</i> L.	Araceae	The Sweet-Flag, Bach, ghor or gor bach,		An essential oil is obtained from the leaves,

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			(Hind); Bach (Beng.); vekhand, gandhiloraj, vach, Duk.; Vacha ugra gandhaha, shadgrantha (Sans.); Bariboj, warch, pb.; vahi, (Kash.); Vashambu, (Tam.); Vasa, wasa, vadaja (Tel.); Vashanpa, (Mal.); Baje (Kan.)		which is used in England by perfumers in the manufacture of hair-powder. From the rhizome a pale or dark-yellow oil, with the strong penetrating odour of the root, and an aromatic, bitter, burning. Comphoraceous flavour (due to the presence of a glucocide known as Acorin) is obtained by distillation. (Not used as fuel) The volatile oil and acorin may be said to be the two substances to which sweet-flag owes its properties.
9.	Actinodaphne angustifolia Nees	Lauraceae	Galavara (Kan.) Malavirinji (Mal.) Gulehal, Pichli, Pisa (Mar.) Jarchampa; Judambo (Oriya) Thali (Tamil) Petarichawa (Assam)	Moderate sized Tree or shrub	The shells yield a fatty oil (20-25) (NOT USED AS FUEL)
10.	Adenosma indianum (Lour.) Merr.	Scrophulariaceae	Comphor plant	Herb	The plant on steam distillation yields a pale yellow essential oil (1%)

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
	A. capitulum (Benth.) Hance				odour resembling that of eucalyptns oil. (NOT USED AS FUEL)
11.	Aegle marmelos (L.) Correa	Rutaceae	Bael (Beng., Hindi & Mar.) Bili (Guj.); Bela, bilva (Kann.) Koovalam Vilvam (Mal.); Belo (Oriya); Bilva, Sripthal (Sans.); Vilvan (Tam.) Bilvanu, Maredu (Tel.) Belethi (Garo); Soh-bel (Khasi)	Tree	The seeds yield oil (34% on dry basis); the leaves and twigs also yield an essential oil. (NOT USED AS FUEL)
12.	Aeolanthus myrianthus Baker	Lamiaceae	---	Herbs (Non-indigenous)	The flowers yield a pleasant smelling, essential oil (2.02%), 'Ninde oil'-used in soaps and perfumery.
13.	Aeschynomene indica L.	Fabaceae/ Papilbonaceae	bhat-sola, kath-shola (Bbi) Langauni (Hindi); Bendukasa (Kan.); Nellithali (Mal.); Lajuari (Oriya); Kottiram, Nellithalli, Takkai (Tam.) Teegajeelugabendu (Tel.) Kuhila (Assam).	Shrub	The kernel yields a yellowish brown oil (7%). (NOT USED AS FUEL)
14.	Agathis robusta F.M. Bailey	Araucariaceae	South queensland Kauri	Tree (Native of Australia)	Oleoresins of this tree yield an essential vil (11.64%).
15.	Agrostemma	Caryophyllaceae	Corn cockle	Herb	The seeds yield a batty

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
	githago L.				oil (5.82%). (NOT USED AS FUEL)
16.	Alangium salviifolium (L.f.) Wang. A. lamarckii Thiv., Grewia salvifolia L.f.	Alangiaceae	Akar-Kanta (BG); Anlol (Guj. & Hindi); Anlolimagra, Ansaroli, Arinil, Lvcki (Kan.) Ankolam, Azhinni (Mal.) Ankula (Sans.); Alangi (Tamil); Ankolamua, Udagu, Urgu (Telugu); Bismar, Kuilu (Kumaon) Dhela, Ankol (Santal)	Rambling shrub (or) tree	The seeds yield an oil used as illuminant.
17.	Albizia lebbeck Benth.	Mimosaceae			Flowers give colourless sweet smelling oil (4.3%)
18.	Alcea rosea L.	Malvaceae	Holly hock, (Eng.); Doddabindigaegidda (kan.); Seemaithuthi (Tam.); Gul-Khaira, Khatmi, Rishakhatmi (Punj.)	Herb	The seeds contain a drying oil (9-13%) (Not used as fuel)
19.	Aleurites fordii Hensl.	Euphorbiaceae	Tung oil tree	Tree	Kernels yield oil (49-65%) (NOT USED AS FUEL)
20.	Aleurites moluccana (L.) Willd.	Euphorvbiaceae	Akola, Akrot, Jungli Akrot (Beng. & Hindi); Candle Mit tree (Eng.); Akhoda (Guj.); Akroda, Natakrodu (Kan.); Akkrottu, Ajkshotam (Mal.) Japhala (Mar.;	Tree	the air-dried kernels yield 57-69% of oil, known as Lumbang oil, or candlenut oil or Indian Walnut oil. The oil is used as an illuminant.

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			Akurota (Uriya); Asphotaka, Phalasneha (Sans.) Nattakkarottu (Tel.); Akharut (undu).		
21.	<i>Alleiyia anara</i> (Roxb.) Boiv.	Mimosaceae	Moto Sarasio (Guj.) Chigare (Kan.); Varacchi (Mal.); Lallei (Mar.); Wunja (Tam.); Nalla renga (Tam.)	Tree	The seeds yield a dark yellow fixed oil (5.2%) (Not used as fuel)
22.	<i>Althaea officinalis</i> L.	Malvaceae	Manshmallow (Eng.); Gulkhair, Khaira (Guj. & Mar.); Seemetuti (Kan.); Simaitutti (Tam.)	Herb	The seeds contain a fatty oil (15.3%) (Not used as fuel)
23.	<i>Amaranthus</i> <i>blithum</i> L. <i>A. lividus</i> L.	Amaranthaceae	Trailing Amaranthus, Wild Blite (Eng.); Ban note, Gobra note, Note shak (Beng); Adabau tand alajo; Dambho (Guj); Choti chaulai, Sadantiya (Hindi); Bhaji, Tambdanath (Mar.) Kosalasaga, Leutia (Oriya) Alpamarisha, Bashpaka (Sans.) Kiraitandu (Tamil); Peddatotakura, Tella totakura (Telugu)	Erect a sending or prostrate herbs	Seeds yield fixed oil (65%) (Not used as fuel)
24.	<i>Amaranthus</i> <i>caudatus</i>	Amaranthaceae	Love-lies-bleeding, Tassel flower (Eng.);	Herb	Seeds yield a fixed oil 10%) (Not used as fuel)

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			Anantamul, Cholai, Chuamarasa (Beng); Chuko, Rajagaro (Guj.); Rajgira, Ramdana (Hindi); Chilikaesoppu (Kan.); Kaholabhaji (Mar.); Pungikeerai, Sirukeerai (Tam.); Peddathotalaura (Tel.)		
25.	<i>Amomum aromaticum</i> Roxb.	Zingiberaceae			Fruits (seeds) yield an essential oil (1-12%)
26.	<i>Amomum subulatum</i> Roxb.	Zingiberaceae			Seeds yield a dark brown, mobile essential oil (2.5%)
27.	<i>Anaphalis contorta</i> (D. Don) Hook. f.	Asteraceae			Plants yield light brown essential oil (0.18%)
28.	<i>Anemone coronaria</i> L.	Ranunculaceae	Poppy-flowered Anemone	Herb	Seeds contain a fatty oil (20.7%) (Not used as fuel)
29.	<i>Anethum graveolens</i> L.	Apiaceae	Dill., European Dill	Herb	The fruit yields Dill oil. Used in Pharmacy.
30.	<i>Anethum sowa</i> Roxb. ex Felm.	Apiaceae	Indian Dill, Sowa sowa (Hindi);	Herb	The fruit yields Dill oil. Used in Pharmacy.
31.	<i>Antidesma acidum</i> Retz. <i>Antidesma diandrum</i> (Roxb.) Heyne ex Roth.	Euphorbiaceae	Archal, Mutta (Beng.); Amari, Amta, Dhakke, Khatua (Hindi); Bilikoomme, Karrihulipa, Sannagooge (Kan.); Areepazham (Mal.);	Shrub or small tree	Seeds contain an oil (10.2%) (Not used as fuel)

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			Ghondurili (Mar.) Kundui, Marmuri (Oriya) Ariporian (Tam.); Tellagummu (Tel.)		
32.	Aphanamixis polystachya (Wall.) Parker	Meliaceae	Pittaraj, Tikataraj (Bengali); Harin-hara, (Hindi); Mullumunthala (Kannada) Chemmaran (Mal.) Rohada (Marathi) Rohituka (Sans.) Malanpulum (Tam.) Chawra-manll (Tel.)	Evergreen tree	The kernels yield a viscous, deep yellow, semi-drying oil (35%). Used as an illuminant
33.	Aquilaria malaccensis Lamk.	Thymelaceae			Agar oil-used in perfumery
34.	Argemone mekicana L.	Papaveraceae			Argemone oil used as adulterant.
35.	Aristolochia braeteolata Lam.	Aristolochiaceae			The seeds yield yellowish green non-drying oil.
36.	Artemesia pallens Wall. ex DC.	Asteraceae	Davana (Kan., Mar. & Herb Tamil); Davanamu Telgu)	Herb	The leaves & fls yield an essential oil known as oil of Davana.
37.	Artemisia absinthium L.	Asteraceae	Absinthe, Maderwood, wormwood (Eng.); Mastaru (Beng. & Guj.) Vilayathi afsanthin (Hindi); Urittige, Uruvalu (Kan.); Nilampala, Tirunitripachcha (Mal.); Serpana (Mar.);	Shrub	The plant contains a volatile oil known as Absynthe or wormwood bil. (0.12-0.51%) The seeds yield an oil (33.4%) (Not used as fuel)

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			Machipattri (Tam.); Machipatri, Tartiha (Tel.)		
38.	Artocarpus hirsutus Lam.	Moraceae	Hebbhalasu (Kan); Aini (Mal.); Pat-phanas (Mar); Pejata (Tel.); Anjili (Mal.)	Tree	The seeds yield an oil (16.2%) (Use not known)
39.	Asparagus officinalis L.	Asparagaceae	Asparagus Hilua (Beng); Halyum, Nag- down (Hindi)		The seeds yield an oil (15%) (Not used as fuel)
40.	Azadirachta indica A. Juss.	Meliaceae	Indian Lilac, Margosa tree, Neem tree Nim (Beng. & Hindi & Urdu) Veppa (Nal. & Tam.)	Tree	The kernels yield a greenish yellow to brown. fixed oil the erude oil is used as illuminant
41.	Balanites aegyptiaca (L.) Delile B. roxburghii Planch.	Simaroubaceae/ Balanitaceae	Desert Date. Hingol, Hingon (Beng.) Gingoriyo (Guj.); Hingan, Hingoli (Mar.) Gingalore (Kan.); Nanjunta (Mal.); Gingudihala (Oriya) Nanjundan (Tam.) Gara (Telgu)	Tree	The kernels yield a bland, yellow oil (36-43%) – Medicinal (Not used as fuel)
42.	Barringtonia racemosa (L.) Spreng.	Barring toniaceae/ Lecythidaceae	Samudraphal (Beng.); Ijjul (Hindi); Samudrghela, kanaginatera (Kan.) Katampu, Samudrappu (Mal.); Nivar (Mar.);	Tree	The seeds yield fatty oil used in lamps.

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			Arattam, Samuthram, (Tam.) Kadapa, Samudrannachettu (Tel.)		
43.	Basella alba L.	Basellaceae	Country Spinach, Indian Spinach, Malabar Nightshade (Eng.); Banpoi, poi (Beng.); Pothi, valchi-bhaji (Guj.); Poi, Poikivel (Hindi); Bilibasale balli (Kan.); Basellkira Passalikera (Mal.) Pasalikkirai (Tam.); Bastalla, Batschali (Tel.)	Creeping or climbing herb	The seeds yield a greenish yellow fatty oil (36.9%) (Used not known)
44.	Berrya cordifolia (Willd.) Burret	Tiliaceae	Trincomalee wood (Eng.); Chavandalai, Kambamaram (Tamil); Sarala devadaru (Tel.)	Tree	The seeds contain 11% of a oil. Kernels oil content 21.9% (User not known)
45.	Bischofia javanica Bl.	Euphorbiaceae	Bishop wood (Eng.); Kainjal (Beng); Bhillar, Paniala (Hindi); Bobranerale, Netharike, Nilmara (Kan.); Nira, Thirippu (Mal.); Boke (Mar.); Dingiri (Oriya); Malachithiyan, Nannal (Tam.) Nalupumushti (Tel.)	Tree	The seeds yield a drying oil (21.4%) – high potential for use as a raw material in the surface coating industries

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
46.	<i>Borago officinalis</i> L.	Boraginaceae	Beebread, Borage (Eng.)	Herb	The seeds contain an oil (38.3%) (Used not known)
47.	<i>Brucea javanica</i> (L.) Merr.	Simaroubaceae	Macassar Kernels (Eng.);	Shrub	The seeds contain a green oil (20-25%) (Used in medicine)
48.	<i>Caesalpinia bonduc</i> (L.) Roxb. emend Dandy & Exell	Caesalpiaceae	Bonduc nut, Fever nut, physic nut Nata (Beng); Kanja, Karanju (Hindi); Gajagakayi (Kan.); Gajara, Sagargoto (Mar.) Kuberakshi (Sans.) Avil, Gujju (Tam.) Gachcha Kaya (Tel.)	Liana	The seeds yield a thick yellow fatty oil (20-24%) having a disagreeable odour.) (Not used as fuel).
49.	<i>Calendula officinalis</i> L.	Asteraceae	Calendula, Pot-Marigold, English Garden Marigold. Zergul (Hindi); Thulukka Saamanthi (Tam.)	Her	The seeds yield an oil (40%) (Not used as fuel)
50.	<i>Calophyllum apetalum</i> Willd. <i>C. wightianum</i> Wall. ex Planch.	Clusiaceae	Poonspar of Travancore Sarpuna (Guj.); Hunaluhonne, grai, Kalohonne (Kan.); Attupunna, Cherupunna, Kattapunna (Mal.); Bobbi, Srai (Mar.); Jothishmathi (Snas.);	Tree	The seed oil is used for burning. (The yield of oil from a tree is estimated at ea 22 kg / annum).

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			Cherupinnay; Valuluvai (Tam.)		
51.	Calophyllum inophyllum L.	Clusiaceae	Alexandrian laurel Punnag, Sultana Champa (Beng); Udi (Guj.); Undi, Sultanachampa (Hindi) Honne, Pinekaayee (Kan.); Pinna, Punna (Mal.); Nagachampa, undi (Mar.) Polang, Ponnang (Oriya) Punnagam (Tam.); Ponnachettu (Tam.)	Tree	The seed oil is used for burning. (The yield of oil from a tree is estimated at ea 22 kg / annum).
52.	Calophyllum polyanthum Wall. ex choisy C. tomentosum sensu T. Anders.	Clusiaceae	Poonspar tree Kamdob, Kande (Beng.); Boobi, Kuve, Srihooney (Kan.) Punna, Punnapay, Viri (Mal.); Nagari (Mar.) Kattapinnei, Pongu, Punnapomaram (Tam.) Ponna (Tel.)	Tree	Seed Kernels, yield a dark red fatty oil (34%). The oil is used for lighting and other domestic purpose.
53.	Calophyllum soulattri Burm. f.	Clusiaceae	Nicobar canoe tree Dakartalada (A ma mans)	Tree	The seeds yield 40% of oil. (Not as fuel)
54.	Calotropis gigantea, C. procera	Aselepidaceae			Seeds yield fatty oil (30.8%) * Latex can be used as fuel.

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
55.	Canarium zeylanicum Blume (Retx.)	Burseraceae	Pakkilipal (Tam.)	Tree (Native of Sri Lanka)	The Kernel oil is used for lighting. it is used as an illuminant.
56.	Canscora diffusa R. Br. ex. Roem. & Schult.	Gentianaceae	Jeerakapullu (Mal.); Sankhvel (Mar.); Banbana (Oriya)	Herb	The seeds yield a dark yellow oil (16.2%).
57.	Cascabela thevetia (L.) Lippold, Thevetia peruviana (Pers.) Merr. (Naturalized in India)	Apocynaceae	Lucky nut tree, yellow oleander (Eng.); Pilekaner, Zand Kunel, Kulkephul (Hindi); Koklaphul Haldi, Korubi, China Karab (Beng.); pilvalakanlera (Mar.); Pila-kanera (Guj.) Pachaganneru (Tel.) pachiyalari, tiruvachippu, manjalaleri (Tam.); Kadukasi, Kanogalu (Kan.); Manja areli, Pacha areli (Mal.); Konyan Phul (Oriya).	Large Shrub	The kernels yield upto 67% of a non-drying oil. The solvent extracted oil is free from cardine glycosides and appears to be suitable for soap-making and edible purposes. it is also used for burning.
58.	Catharanthus roseus, (L.) G. Don Vinca rosea L. (Naturalized)	Poeynaceae			The seeds yield 31.5% of fatty oil. (Uses not known).
59.	Cedrus deodara (Roxb. ex Lamb.) G. Don	Pinaceae	Deodar, Himalayan Cedar, True cedar (Eng.); Debdaru, Devdar (Beng.);	Tree	The seeds yield 33.5% fixed non-drying oil. Kernels yield 49.1% dark yellow fatty oil (Uses not

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			Devdas, Vanso deodar (Guj.); Dedwar, Deodar (Hindi); Bhadradam, Devdarru (Kan.); Devataram (Mal.); Devadaram (Tam.) Devadaruva (Tel.)		known).
60.	<i>Celastrus paniculatus</i> Willd.	Celastraceae	Black oil plant, climbing staff tree, Intellect tree kondgaidh, Sankhu (Bengali & Hindi) Malkangana (Guj.) Kaluganne (Kann.); Palulavan (Mal.); Dhimarbel, Kanguni, Pigavi (Mar.); Korsana; (Oriya) Adilearicham, Kaligan; Maiya-kodi (Tam.) Bavangi, Palleru (Tel.)	Climbing shrub	The seeds yield dark brown oil, (52%) known as <i>Celastrus</i> oil or Malkanguni oil. (Not as fuel) Medicinal use (But as per watt's Diet. used for illuminating)
61.	<i>Celosia argentea</i> L.	Amaranthaceae			Seeds yield a yellow green fatty oil (8%). (Uses not known)
62.	<i>Celtis sinensis</i> Pers.	Ulmaceae			The fruits yield an oil (13%) (Uses not known).
63.	<i>Cerbera manghas</i> L.	Apocynaceae	Dog Bane (Eng.); Dabur, dhakur (Beng); Cande, Hande, Monde Tande (Kan.); Utalam	Tree	Beeds yield a pale yellow oil (62%). Used as an illuminant (But release thick smoke).

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			Chattarkaya, Poona (Mal.) Sukanu (Mar.); Kattardi Kodalna, Kottuna (Tam.)		
64.	<i>Ceriscoides turgida</i> (Roxb.) Tirveng.	Rubiaceae	Dudri, Koinnori (Beng); Pendri (Guj.) Ghurgia, thanella (Hind) Bengri (Kan.); Kharkar, Malankara (Mal.); Bomonia (Oriya); Malangari (Tam.); Majnuda, Kllakokkita (Tel.)	Shrub or tree	The seeds yield 16% oil (Known as Thanella oil) (Not used as fuel)
65.	<i>Chloroxylon swietenia</i> Dc.	Flindersiaceae	Bheria, Billu (Guj. & Mas.) Bherul, Bhirra, Rakta-rohidi (Hindi); Bittula, Hurugulamare (Kan.); Behau (Oriya); Karumleoraju (Tam.) Poraju Billu, Billukulu, Tella-bitula (Tel.)	Tree	The seeds yield a thin, pale yellow, non-drying oil (16%). (Uses not known).
66.	<i>Cirsium arvense</i> (L.) Scop.	Asteraceae	Blessed thistle, Canada thistle, Creeping thistle (Eng.) Silkanta (Beng.); Kataila, Kateli, Rissa (Delhi); Bhunbhun, (Punjab); Cont-katila (U.P.)	Herb (Native of Europe but occurring in N. India)	The seeds yield 20-25% of fatty oil. Oil is used for illumination
67.	<i>Cleome gynandra</i>	Capparidaceae			The seeds contain a fixed

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
	L. Gynandropsis gynandra				oil. (22%) – semidrying oil.
68.	Cleome icosandra L.	Capparidaceae	Hulhul (Huidi), Hurhuria (Buy.), Kukua vominta (Tel.), Nayikkadeges (Tam.), Nayibela (Kan.), Ariasila (Mal.)		Seeds yield 36.6% fixed oil.
69.	Croton tiglium L.	Euphorbiaceae	Jamalgodu (Hindi), Nepala (Tel. x. kan.) Nervalam (Tam. x. mal.)		Seed yields 30-45% oil
70.	Dacrydium elatum Wall.	Taxaceae			4% essential oil
71.	Dalbergia lanceolaria L.f.	Fabaceae	Hindi – Takoli, bithua; Beng. – CHamkemdial; Mar. – Dandous, kaurchi; Tel. Errapaccari, peddasapara; Tam. – Erigai, nalvellangu; Kan. – Belaga, Kanaga; Mal. Mannavitti, Pulari	Tree	Seed oil
72.	Dalbergia sissoo Roxb.	Fabaceae	Sans. – Shinshapa, aguru; Hind – Shsham, sissu, sissai; Beng. – Shisu; guj. – Sisam, Tanack, Tel. – Errasissu, sinsupa; Tam. – Suisu itti, gette;	Tree	Heartwood oil.

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			Kan. – Agar, biridi; Mal. <i>ruvil</i> ; <i>Uriya</i> – Sisu, simsapa		
73.	<i>Datura metel</i> L.	Solanaceae			Seeds – fixed oil.
74.	<i>Datura stramonium</i> L.	Solanaceae	Jimson Weed, Stink Weed, Mad Apple. Thorn Apple, Stramonium Sans. Dhattura, Unmatta, kanaka, shirapriya; Hindia, Beng., Mar. & Guj. – Dhatura; Tel., Tam., Kan., mal., – Umatta.		Seeds – 16-17% fixed oil – seeds employed for suicidal and homicidal purposes.
75.	<i>Desmos chinensis</i> Lour.	Annonaceae			Flowers – volatile oil
76.	<i>Dianthus</i> <i>caryophyllus</i> L.	Caryophyllaceae	Carnation, Clove Pink, Picotee, Grenadine	Herb	Oil
77.	<i>Dictamnus alba</i> L.	Rutaceae			Root & flower – essential oil.
78.	<i>Didymocarpus</i> <i>pedicellata</i> R. Br.	Gessiesiaceae			Leaves – essential oil.
79.	<i>Digitalis lanata</i> Ehrh.	Scrophulariaceae			Seeds 30% fatty oil.
80.	<i>Digitalis purpurea</i> L.	Scrophulariaceae			Seeds 31.4% fatty oil
81.	<i>Dodonaea viscosa</i> L.	Sapindaceae			Seeds 18.6% semidrying oil
82.	<i>Dracocephalum</i>	Labiatae			Oil from plants.

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
	<i>moldarica</i> L.				
83.	<i>Duranta repens</i> L.	Verbenaceae			Seeds oil
84.	<i>Dysoxylum malabaricum</i> Bedd.	Meliaceae	Tam. – Vellaiyagil, purippa; Kari. – Bilibudlige, bilideradar; Mal. – Vellakil, purippa	Tree	Wood oil
85.	<i>E. globulus</i> Labill.	Myrtaceae	Tasmanian Blue Gum Eucalyptus	Tree	Leaves oil 0.9-1.2%. Also from flowers.
86.	<i>Elaeagnus angustifolia</i> L.	Elaeagnaceae	Oleaster	Shrub or Small tree	Plants & Seeds oil.
87.	<i>Elaeagnus umbellata</i> Thunb.	Elaeagnaceae	Punjab – Bammerwas, ghain, kenkoli	Shrub	Seeds oil.
88.	<i>Entada rheedei</i> Spreng. <i>E. phaseoloides</i> Merrill	Leguminosae	Elephant Creeper, Mackay, Bean, Garbee Bean Hindi & Beng. gila; Mar. Garambi, garbe; Tel., Gilatige, peddamaduppu, tikatiyya; Tam. Vattaralli, Chillu; Kan. – Doddakampi, hallekayi balli; Mal. – Kakkavalli	Gigantic climber	Oil from seeds is used in lamps for illuminating purposes (fuel)
89.	<i>Erigeron canadensis</i> L.	Compositae	Canada fleabane, Sans. – Jarayupriya makshikarishan	Herbs	Foliage & root oil
90.	<i>Erophila verna</i> (L.) E. Mey.	Cruciferae		Herb	Oil from plants.
91.	<i>Ervatamia heyneana</i> Cooke	Apocynaceae			Seeds oil

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
92.	<i>Eryngium foetidum</i> L.	Apiaceae			Herbs volatile oil
93.	<i>Erythrina crista-galli</i> L.	Leguminosae			Seeds fatty oil
94.	<i>Erythrina variegata</i> L. var. <i>orientalis</i> (L.) Merrill	Leguminosae			Seds fixed oil
95.	<i>Erythroxyllum monogynum</i> Roxb.	Erythroxyllaccae	Bastard Sandal, Red Cedar. Tel. – Adiri goranti, devadaru, gadara; Tam. – Devadaru, chemanatti, sempulichari; Kan. – Devadaru; Mal. – Devataru	Shrub or small tree	Wood crude oil.
96.	<i>Eucalyplus calophylla</i> R. Br.	Myrtaceae			leaves oil
97.	<i>Eucalyplus camaldulensis</i> Dehnhardt	Myrtaceae			leaves oil
98.	<i>Eucalyplus crebra</i> F. Muell.	Myrtaceae			Leaves oil (0.16%)
99.	<i>Eucalyplus eugenioides</i> Siels.	Myrtaceae			Plant oil (0.75%)
100.	<i>Eucalyplus herniphloia</i> F. Muell.	Myrtaceae			0.4-0.9% oil from the plant.
101.	<i>Eucalyplus sideroxyllum</i> A.	Myrtaceae		Tree	Leaves & terminal branchlets 1.5-2.5%

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
	Cunn.				
102.	<i>Eucalyptus citriodora</i> Hook.	Myrtaceae	Lemon – Scented Eucalyptus	Tree	Leaves oil.
103.	<i>Eucalyptus leucoxylon</i> F. Muell.	Myrtaceae		Tree	Leaves & terminal branch let 1.5-2.5% oil.
104.	<i>Eupatorium triplinerve</i> Vahl.	Compositae			Leaves essential oil (1.0-1.14%)
105.	<i>Euphorbia dracunculoides</i> Lam.	Euphorbiaceae			Seeds 25% drying oil
106.	<i>Euphorbia helioscopia</i> L.	Euphorbiaceae	sun spruce	Shrub to small tree	Seeds 30-33% drying oil – purgative properties.
107.	<i>Euphorbia thymifolia</i> L.	Euphorbiaceae	Sans. – Laghududhika; Hindi – Choti – dudhi; Beng. – Shwetkeruee; Mar. – Ghakdidudhi; Tel. – Reddivari manubala; Tam. Sittrapaladi.		Essential oil from plants.
108.	<i>Euphorbia longan</i> Steud.	Sapindaceae			
109.	<i>Garcinia mangostana</i> L.	Guttiferae			The seeds contain ca 3% fo fatty oil.
110.	<i>Garcinia rubro-echinata</i> Kosterm.	Clusiaceae	Madul (Tam.) Para (Mal.)	Tree	The seeds yield a thick viscous oil (64.4%) on the wt. of kernels, 49.6% on the wt. of seeds. (Used for Illumination purposes).

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
111.	<i>Gliricidia sepium</i> (Jacq.) Walp.	Fabaceae			The seeds yield a fatty oil.
112.	<i>Gmelina asiatica</i> L.	Verbenaceae			The seeds yield 7.5% of a greenish yellow, semi-drying fatty oil.
113.	<i>Gymnacranthera canarica</i> Warb.	Myristicaceae	Udippanu (Tam.) Pindi, Pindikai (Kan.) undai Panu, Pinti K. kaya (Mal.)	Tree	The seeds are rich in fat. They are crushed and pressed into joints of bamboos to form crude candles. No wicks are used. The fat used for burning.
114.	<i>Gynandropsis gynandra</i> (L.) Brig.	Capparidaceae	Hulul, churota, Gandhuli (Hindi); Sada hurhuria, Ansarisha (Beng); Kanphodi, Motitilavam (Mar.); Adikyakharan, Satitalvani (Guj.); Vaminta, Vainta, Velakura (Tel.); Kattkadugu, Velae, Taiwela (Tam); Narum byale soppu (Kan.) Karvela, Taivela (Mal.)	Herb	The seeds contain a fixed oil (22%) It is a semi-drying oil has a faint odour of mustard. — Medicinal properties.
115.	<i>Gynocardia odorata</i> R. Br.	Flacourtiaceae	Kadu, bandre-phal (Nepal); Tuk-king (Lepeha); Lemteon, Bonsha Umphu, Bilibu (Assam);	Tree	The seeds kernel yield 27% of a pale yellow drying oil with an odour resembling that of linseed oil.

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
116.	H. flavum Roxb.	Zinziberatecea	Yellow ginger oil. (Eng.)	Herb	Flower (perfume oil) non fuel
117.	H. spicatum Buch. Ham.	Zinziberaceae	Kapurakachati (Hindi, Beng.) Spiked Ginger Lity (Eng.);	Herb	Rhizome, 4% essential non fuel.
118.	Hedera helix C.B. Clarke	Araliaceae	Lablab (Hindi), Banbatkari (Panj.), bauda (Kumaon)	Woody climber	Seeds contain a semi-drying oil (20-32%); non-fuel
119.	Hedychium coronarium Koenig	Zinziberacene	Common Ginger Lity	Herb	Rhizome contains volatile oil 0.124% non fuel.
120.	Hemidesmus indicus R. Br.	Asclepiadaceae	Anantamul (Hindi, Beng.)	Shrub	Roots yield (0.225%) essential oil; non fuel
121.	Heraclceum cachemicum C.B. Clarke	Umbelliferae		Herb	Dry fruit 0.8%, essential oil; non fuel
122.	Hernandia ovigera L.	Hernandiaceae		Tree	oil from root and fruit 0.5%; seed kernel 33.9% oil for fuel purpose (illuminating purpose)
123.	Hevea brasiliensis (H.B.K.) Muell. Arg.	Euphorbiaceae	Para Rubber	Tree	Seed kernel, 40-50% oil non-edible, non fuel. Soap Moky
124.	Heynea trijuga Roxb.	Meliaceae	Kapia kushi (Beg.), Karia (Tam.), Korakkadi, (Mal.) Kora (Kan.) Jheny-are-arong (Assam).	Tree	Seed oil, used for burning
125.	Hibiscus cannabinus L.	Malvaceae	Ambari (Hindi), Mestapat Beg.) Gogu	Shrub	Seed oil (13% fatty oil) used for lighting,

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			(Tel.) Pulichhai (Tam.) Pundi (Kan.)		lubricant. (Refined oil edible)
126.	Hippophae rhamnoides L.	Elaeagnaceae	Kalabisa, Neichak (Pun.) Dhurahuka (U.P.)	Tree	Bark, Fruit, Seed, contains non-edible oil.
127.	Holarrhena antidysenterica (L.) Wall.	Apocynaceae	Kurchi, (Hindi), Pala (Tel.), Veppalei (Tam.) Beppale (Kan.)	Shrub or small tree	Seed 19-30% oil non-edible, medicinal.
128.	Holoptelea integrifolia Planch	Ulmaceae	Kanju (Hindi), Thapasi (Tel., Aja (Tam.), Jhasasi (Kan.)	Tree	Seed oil (37.4%)
129.	Homalomena rubescens Kunth	Araceae	Kuchu gundubi (Benf.)	Herb	Rhizome & root yield oil. (5%)
130.	Houttuynia cordata Thunb.	Saururaceae		Herb	Whole plant yields essential oil.
131.	Hydnocarpus alpina Wt.	Flacourtiaceae	Kastel (Mar.), Attuchan-Kalai (Tam.), Torathi (Kan.)	Tree	Seed oil 62.5% Scinsitar to chaloogn oil. (Used as illuminant)
132.	Hydnocarpus kurzii (King) Warb.	Flacourtiaceae	Kastel (Mar.), Altuchan-Kalai (Tam.), Torathi (Kan.)	Tree	Seed kernel contains oils 48-55% non-edible.
133.	Hydnocarpus laurifolia (Dennst.) Sleumer	Flacourtiaceae	Chaulmugra (Hindi), Adi-badamee (Tel.), Maravattai (Tam.), toatti (Kan.)	Tree	Seed kernel contain oil 63.25% medicinal oil.
134.	Hyptis suaveolens Poit	Labiatae	Wilayati tulsi (Hindi), Bilati tulsi (Beng.), Ganga tulsi (or.)	Herb	Seed contain 13% fatty oil.
135.	Iris florentina L.	Iridaceae	Orris Plant (Eng.)	Herb	rhizome contain Orris oil, perfume

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
136.	<i>Jasminum arborescens</i> Roxb.	Oleaceae	Bela, chameli (Hindi), Adasimalle (Tel.), nagamalli (Tam.) Bonomali (or.)	Sub-erect or climbing shrub	Flower yield volatile oil.
137.	<i>Jasminum officinale</i> L. forma <i>grandiflorum</i> (L.) Kobaski	Oleaceae	Chameli (Heridi, Beng.), Malati, Jaji (Tel.) Ajjige (Kan.)	Turineing shrub	flower yields scented oil kumaun as Jasmine oil.
138.	<i>Jatropha curcas</i> L.	Euphorbiaceae	Bagbherenda (Hindi), Erandefach (Benf.) Nepalamu (Tel.), Kadala manakku (Tam.), Karnocchi (kan.)	Large shrub	Seed oil known as curcas oil illuminant
139.	<i>Jatropha glandulifera</i> Roxb.	Euphorbiaceae	janglierandi (Hindi), Dandigapu (Tel.), Adalai (Tam.), Totlagida (Kan.)	Shrub	Seed Seed oil 20-22% medicinal
140.	<i>Jatropha gossypifolia</i> L.	Euphorbiaceae	Bherenda (Hindi), Lanbherrenda (Beng.) sela-amida (Tel.) Atalai (Tam.)	Shrub	Seed oil used in lamps.
141.	<i>Joannesia princeps</i> Vell.	Euphorbiaceae		Small Tree	Seed oil, oil used as fuel oil.
142.	<i>Juniperus communis</i> L.	Pinaceae	Aaraasi (Hindi), Havusha (Beng.), Punjab (Betar)	Shrub or Small tree	flarnarj oil from ripe fruit
143.	<i>Juniperus virginiana</i> L.	Pinaccal	cedas wood oil (Eng.)	Tree	Wood
144.	<i>Kingiodendron pinnatum</i> (Roxb.)	Leguminosae	Kolaru (Tam.), enne (Kan.) Shurali (Mal.)	Tree	Wood (varnish oil)

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
	Harms				
145.	Lantana camara L. var. aculeata Moldenke	Verbenaceae	Mar. – Chadurang, ghaneri; Tel. – Pirlikampa; Tam. – Unnichi; Kari. – Natahugida, hesike, kakke; Mal. – Arippu	Shrub	Leaf oil is used in the treatment of itches of skin and may also be useful as an antiseptic for wounds.
146.	Lavandula angustifolia Mill. (cultivated in India)	Labiatae	True Lavender, Common Lavender	Shrub	Laveder oil from flowers
147.	Lavandula bipinnata Kuntze	Labiatae	Guj. – Sarpnocharo, aasmanifalgotto	Herb	Laveder oil from flowers
148.	Lavandula stoechas L. (In gardens in India)	Labiatae	Hindi-Dharu; Guj.- Lavendarana-Phula	Herb	Laveder oil from flowers
149.	Lawsonia inernis L.	Lythraceae	Hindi-Mehndi; Beng.- Mehedi	Shrub or small tree	Henna or mehndi oil from flowers. Seed oil used in Uganda for anointing the body.
150.	Lepidium latifolium L.	Cruciferae	Ladakh-Gonyuch	Herb	A semi-drying oil obtained from seeds is used for burning as soap making
151.	Leucas aspera Spreng.	habitatae	Hindi & Beng. – Chota halkusa; Tel.-Tumma- chetlu, tummi; Tam. – thumbai; Kan.-Thumbe gida; Mal.- Thumba; Oriya-Bhutamari	Herbs/under shrub	The seeds yeild an oil used for illumination purposes

SI. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
152.	Lippia citriodora H.B. & K.	Verbenaceae	Lemon verbena	Shrub or Small tree	Stalks and leaves oil from called verbena oil imparts refreshing tonalities to toilet waters, perfumes and Eau de cologne; it is used for scenting bath salts.
153.	Lippia nodiflora Rich	Verbenaceae			The plant yeilds an essential oil.
154.	Liriodendron tulipifera L.	Magnoliaceae			Root bark-essential oil
155.	Lithospermum officinale L.	Boraginaceae			Nutlets fatty oil 54.34%
156.	Litsea cubeba Pers.	Lauraceae	Lepcha – Tanghaercherkung, terhilsok; Assam, Mejankeri; Khasi-Garo- Zeng-jil; Lushai-Sernam	Shrub or a small tree	Volatile oils from flowers, fruits, leaves, barks.
157.	Litsea stocksii Hook. f.	Lauraceae			Fruit volatile oil.
158.	Lobelia inflata L.	Campanulaceae / Lobeliaceae			The seeds yeild 30% of a drying oil.
159.	Luffa acutangula (L.) Roxb.	Curcurbitaceae			Ripe seeds yeild 19.9% of a clear light brown oil.
160.	Luffa cyclindrica (L.) M.J. Roem	Curcurbitaceae			Oil from seed kernel
161.	Luvunga scandens (Roxb.) Buch.-Ham. ex Wight.	Rutaceae	Sans. – Kakoli; Beng.- Lavangalata, lavangaphal	Woody climber	Dried fruits perfumed medicinal oil.

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
162.	<i>Machilus odoratissima</i> Nees	Lauraceae			Seeds – semi-drying oil
163.	<i>Majorana ortensis</i> Moench	Labiatae	Hindi – Murwa; Beng. – Murru; Tam. – Murru, maruvu; Kan. – Maruga; Mal. Maruvama		Leaves and flowers – volatile oil – oil of sweet Marjoram
164.	<i>Mallotus philippensis</i> Muell. Arg.	Euphorbiaceae	Hindi – kamala, Sindur, rohini; Beng.-Kamala; Mar.-Shendi; Guj.-Kapilo; Tel.-Kunkuma, sinduri, chendiram; Tam.-Kapli, kungumam, kurangumanjanatti; Kan.-Kunkumadamara. Mal.-Manjana, kuramadakku; Oriya-Sinduri, Kunkumo, Kapilogundi	Emphorbiaceae	Seed oil
165.	<i>Malva parviflora</i> Linn.	Malvaceae	Hindi-Panirak; Punjab-Gogisag, nanna, sonchal, supra	Herb	Seeds 18% fatty oil.
166.	<i>Malva rotundifolia</i> L.	Malvaceae			Seeds 7-8% fatty oil.
167.	<i>Manihot glaziovii</i> Muell. Arg.	Euphorbiaceae	Ceara Rubber, manicoba Rubber	Tree	Kernel 35-42% drying oil.
168.	<i>Mappia foetida</i> Miers	Icacinaceae			Seeds – 48% fluorescent oil
169.	<i>Mappia foetida</i> Miers	Icacinaceae			Decorticated seeds 48% oil.

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
170.	Martynia annua L.	Martyniaceae			Seeds – 10.35% semi-drying oil.
171.	Martynia annua L.	Martyniaceae			Seeds 10.35% oil.
172.	Matricaria chamonilla L.	Compositae	German Charnomile; Punjab-Babuna, suteigul	Herb	Flower heads used as drug whose active constituent is a vis cous volatile oil
173.	Matthiola incana R. Br.	Cruciferae			Seeds – volatile oil.
174.	Meconopsis paniculata (D. Don) Prain	Papaveraceae			Seeds 32.5% drying oil
175.	Melaleuca leucadendron L.	Myrtaceae	Cajuput Tree Hindi-Kayaputi; Beng.-Cajuputle, cajaputi; Mar.-cajuputa; Tam.-Kaiyappudai	Tree	Fresh leaves and terminal brandes-Oil known as “Oil” of Cajuput has medicinal as other uses.
176.	Melia azedarach L.	Meliaceae	persian Lilac, Bead Tree Hindi- Bakain, drek; Beng-Mahanim, ghora nim; Mar.-Pejri, Padrai; Guj.-Bakam limbodo; Tel.-Turaka vepa; Tam.-Malai vembu; mal.-Karin vembu, sima veppu; Kan.-Arebevu, hutchu bevu; Punjab-Drek; Nepal-Bakaina; Assam-	Tree	Seeds 40% drying oil suitable for making soaps and hair oils.

SI. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			Thamaga; Khasi-Dieng-jah-rasang		
177.	Melilotus afficinalis Lam.	Leguminosae			Flowers – 0.013% of an essential oil containing coumarin. The fatty oil obtained from seeds.
178.	Melilotus alba Desr.	Leguminosae	White Sweetlover, Bokhara Clover, white Melilot. Punjab, U.P. & Bombay-safed senji; Delhi-Khandai; Bengal & Orissa – Safed banmethi; Madhya Pradesh-ranmethi	Herbs	Seeds oil.
179.	Mentha aquatica L.	Labiatae			Herb 0.8% essential oil.
180.	Mentha arvenensis L.	Labiatae			Volatile oil from plants
181.	Mentha arvensis L. subsp. haplocalyx Briq. var. piperascens Holmes (from Japan, cultivated in Jammu Kashmir)	Labiatae	Japanese mint	Herbs.	Leaves oil.
182.	Mentha longifolia (L.) Nathh.	Labiatae	Horse Mint Hindi-Podina; jungli pudina, Punjab-Baburi, belanne, koshu, pudnakushma;	Herb	Leaves & flowering tops oil.

SI. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			Bombay-Pudina, vartalau		
183.	<i>Mentha piperita</i> L. emend Huds.	Labiatae	Peppermint Hindi- Pararaminta, gamathi, phudina. Punjab-Vilayati pudina	Herb	Hub yields true Peppermint oil
184.	<i>Mentha pulegium</i> L.	Labiatae			Volatile oil from plants
185.	<i>Mentha spicata</i> L. emend. Nathh.	Labiatae	Spearmint Hind, Beng. & Mar. Pahari pudina, pudina	Herb	Flowering herbs volatile oil spearmint oil.
186.	<i>Meriandra bengalensis</i> Benth.	Labiatae	Bengal Sage Hindi & Deng. – Kafurkapat; Tel. – Simakar-puramu (Names applied to leaves)	Shrub	Herb-volatile oil (oil of Meriandra) – medicinal
187.	<i>Mesua ferrea</i> L.	Guttiferae	Hindi & Beng. Nagkesar, nagesar; Guj. & Mar. – nagchampa; Tel. – Nagkesara, kesaramu, nagachamkamu Tam.- Nangu, nangul, irul, nagachambagan; Kan.- Nagakesara, nagasampige; Mal.- Nanga, peri, veluthapala. Trade – Musua.	Tree	Seeds oil
188.	<i>Michelia champaca</i>	Magnoliaceae	Champak Hindi &	Tree	Leaves/flowers/seeds Oil

SI. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
	L.		beng.-Champa, champaca; Mar.- Pirala-champa, sona-champa, kud-champa, kud-champa; Guj.-champo, rae-champo, pito-champo; Tel. Champakama; Tam.-shembuga, chambugam; Kan.-Sampige, kola-sampige; Mal.-champakam; Oriya-Chompa, chompoko, kanchana		from leaves & flowers fat from seeds.
189.	Micromeria biflora Benth.	Labiatae			herb-volatile oil.
190.	Mimosa pudica L.	Leguminusea			Seeds fatty oil
191.	Momordica charantia L.	Cucurbitaceae	Bitter Ground, carilla fruit. Hindi-Karela, Kareli; beng.-Karala; Mar.-Karle; Tam.-pakal, pavakka; Kan.-Hagal; Mal.- Kaippa, Kaippavalli	Climber	Seeds semi-drying oil.
192.	Momordica dioica Roxb. ex Willd.	Cucurbitaceae	Hindi-Kaksa, golkandra; Beng.-Ban- Kerala; Mar.-Kartoli; Tel.-Agakara; Tam.-Tholloopavai,	Climber	Seed kernel semi-drying oil.

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			paluppakai; Kasi.- Karlikai		
193.	<i>Morus alba</i> L.	Moraceae			Seeds 25-35% drying oil
194.	<i>Mucana prurita</i> Hook.	Leguminosae			Seed kernel – fatty oil
195.	<i>Muraya koenigii</i> (L.) spreng.	Rutaceae			Leaves + fruits oil
196.	<i>Myroxylon</i> <i>balsamum</i> Harms	Leguminosae	Tolu Balsam Tree	Tree	Oil from tolu babam
197.	<i>Myroxylon pereirae</i> (cultivated; indigenous to tropical America)	Leguminosae	Peru Babam Tree	Tree	Oil from babam
198.	<i>Myrtus communis</i> L.	Myrtaceae	Common Myrtle Hindi- Vilayati mehndi, murad; Beng.-Sutra-sowa, Mar.-Malati; Guj.-Malali- na-patran	Shrub	Oil from leaves, flowers and berries
199.	<i>Nardostachys</i> <i>jatamansi</i> DC.	Valerianaceae	Jatamansi (Hindi), Jatamasnshi (Tel, Kan, Mal.)	Herb	Rhizome, essential oil upto 1.9% spi kenaid oil
200.	<i>Navndina</i> <i>domestica</i> Thunb.	Berberidaccae		Shrub	Seed yield fatty oil (9.4%)
201.	<i>Neolitsea cassia</i> (L.) Kostermans	Lauraceae	Kanval (Mar.), Akupatrioum (Tel.), Biliniarji (Kan.) vayana (Mal.)	Small tree	Fruit yield 36.5% fat, ceylon fruit sample have 66% oil.
202.	<i>Neolitsea umbrosa</i> (Nees) Gamble	Lauraceae	chirindi (Kashmir), Chiru di (Punj.)	Shrub, Small tree	Fruit yield oil for burning purpose

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
203.	Nicandra physalodes (L.) Gaertn.	Solanaceae	Neelipuddaegida (kan.) Ran-Popati (Bombay)	Herb	Seed yield fatty oil 21%
204.	Nigella damascena L.	Ranunculaceae	Love is a mist (Eng.)	Herb	Seed yields oil (43.5%) soap making
205.	Palaquium ellipticum (Dalz.) Baill.	Sapotaceae	Panchoti (Mar.), Katillupei (Tam.) Panchonta (Kan.) Pala (Mal.)	Tree	Seed oil useful for lightning
206.	Parkia biglandulosa Wt. & Arn.	Mimosaceae	Sivalinga mara (Kan.), Chendaphul (Bombay)	Tree	Seed yields 16.5% of fatty oil
207.	Pastinaca sativa L.	Umbelliferae	Parsnip (Eng.)	Herb	Dried mericarp 17.3% of fatty oil.
208.	Phormium tenax forst.	Asteraceae		Herb	Seed yield upto 30.7% of semidrying oil for paint, varnish
209.	Physalis peruviana L.	Solanaceae	Tipari (Hindi), Budda basara (Tel.), Jholthakkali (Tam.), Gudde hennes (Kan.)	Shrub	Seeds yield 6.3% semi-drying oil.
210.	Phytolacea acinosa Roxb.	Phytolaccaceae	Matazor (Hindi), Lubar saf (Kashmir), Rinsag (Punjab), Jaiong (Assam)	Herb	Seed kernel yield fatty oil.
211.	Picrasma quassioides Bennett	Simaroubaceae	Bharangi (Hindi), Bhurungi (Beng.) Hala (Punjab)	Large shrub or small tree	Seed yield a fatty oil (Nigaki oil)
212.	Pimenta racemosa (Mill.) J.W. Moore	Myrtaceae	bay tree, Bay rum tree (Eng.)	Shrub or small tree	Green leaves yield oil 1.2-1.3% (Bay oil)

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
213.	<i>Pinus roxburghii</i> Sarg.	Pinaceae	Chir pine (Eng.)	Tree	Oleoresin foam stem yield turpentine oil.
214.	<i>Planchonella</i> <i>obovata</i> (R. Br.) Pierre	Sapotaceae		Tree	Seed yield 41% of non drying fatty oil
215.	<i>Pogostemon cablin</i> Benth.	Lamiaceae	Patchouli (Hindi)	Herb	Dried leaves yield aromatic oil 3.5% (port chouli oil)
216.	<i>Pongamia pinnata</i> Pierre	Papilionaceae	Kasanj (Hindi, Beng., Mar., Guj.) ponga (Tam.) Honge (Kan.)	Tree	Seed yields oil 27-39% illumination
217.	<i>Prinsepia utilis</i> Royle	Rosaceae	Bekkra, Bhekal (Hindi) Bhekor (Garkusel)	Shrub	Seed kernel yields 37.2% semidrying fatty oil.
218.	<i>Pterospermum</i> <i>acerifolium</i> Willd.	Sterculiaceae	Kanak champa (Hindi), Muskunda (Benf.) Matsa Kanda (Tam.) Morra (Assam)	Tree	Seed yield 22.6% pale yellow oil.
219.	<i>Pterygota alata</i> R. Br.	Sterculiaceae	Buddha narikel (Beng.), Kodaittondi (Tam.), Kolugida (Kan.); Kodathani (Mal.)	Tree	Seed yield 35% oil
220.	<i>Putranjiva</i> <i>roxburghii</i> Wall.	Euphorbiaceae	Pentranjiva (Hindi), Jiapata (Beng.), Kudrajuri (Tel.), Irukolli (Tam.) Amani (Kan.), Pongalam (Mal.)	Tree	Seed kernel yield a fatty oil 42% (Used for burning)
221.	<i>Pycnanthemum</i> <i>virginianum</i> Durand & Jackson	Lamiaceae	Virsiuia mountain mint	Herb	Dried herb yields 2.2% essential oil.

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
222.	<i>Pyralia edulis</i> A. Dc.	Santalaceae	Amphi (Nepal, Dlenj-soklay (Khasi), Thing-beng (Mikin)	Small tree	Seeds contain a fatty oil.
223.	<i>Ranunculus sceleratus</i> L.	ranunculaceae	Jaldhania (Delhi), Shim (Kumaun), Bir-mani (Mundari)	Herb	Seeds yield 26% fatty oil.
224.	<i>Rhus javanica</i> L.	Anacardiaceae	Tatri (Hindi), Arkhar (Punjab), Mya-tenfa (Assam), Khtna (Garó).	Tree	A vegetable wax extended from fruit (7.8%), used for candles.
225.	<i>Rhus succedanea</i> L.	Anacardiaceae	Kakra singi - (Hindi, Beng.), Kakeera - Sryngi (Tel.) Karkata – Shringi (Kan.) Unix tree (Eng.)	Tree	45-50% of wax obtained from mesocarp of fruit. Kernels yield 39.5% oil.
226.	<i>Ribes nigrum</i> L.	Saxi fragaceae (Grossulariaceae)	Papear (Kumaun), Muradh (Punjab)	Shrub	Seeds yield 25% yellow drying oil.
227.	<i>Ribes rubrum</i> L.	Grossulariaceae	Dak (Punjab), Kinkolia (Garhuni)	Shrub	Seeds yield 16-25% fatty oil with good drying properties.
228.	<i>Ricinus communis</i> L.	Euphorbiaceae	Erundi (Hindi & Mar.), Bhrunda (Beng.), Diveligo (Kan.), Aranakku (Tam., Haralu (Kan.), Aranakku (Mal.), Castor, castor seed (Eng.)	Large shrub or small tree	Seed yields 37-61% oil used as fuel
229.	<i>Rivea corymbosa</i> Hallier. f.	Convolvalaceae	Orolingui, snake paint (Eng.)	Liana	Seed contains 8% of fatty oil.
230.	<i>Rosmarinus</i>	Lamiaceae	Rusmari (Heridia)	Shrub	Leaves yield 1-2%,

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
	officinalis L.				volatile oil (Rosemary oil)
231.	Salvadora oleoides Decne	Salvadoraceae	Bahapilu, Jhal (Hindi), Khakan (Guj.), Kalaux (Tam.) Khabar (Rajasthan).	Shrub or small tree	Seed contain 40-50% fat, Seed is used candle making
232.	Salvadora persica L.	Salvadoraceae	Jhak (Beisdi), Jhal (Beng.), Kharijal (Guj.), Ghunia (Tel.), Kalaura (Tam.), Goni-mara (Kan) Kotungo (or.); Mustand tree, Tooth brush tree (Eng.)	Shrub or tree	Seed yields 39.3% fat
233.	Salvia officinalis L.	Lamiaceae	Salvia sefakuss (Hindi)	Sub-shrub	Leaves yield 1.3-2.6% oil known as sage oil
234.	Santalum album L.	Santalaceae	Safed-chandan (Hindi), Chandan (Beng.) Chandanamu (Tel.), Sandanam (Tam.) Srigandha (Kan.)	Tree	Sandalwood yields 4.5% oil root yields upto 10% oil seeds yield 50-55%, drying oil used in rubber industry
235.	Sapindus mukorossi Gaertn.	Sapindaceae	Rith a (Hindi, Beng.), Ita (or.) Keeltha (Punjab).	Tree	Seed kerneal contain 35% fixed oil used in soap making
236.	Sapindus trifoliatu L.	Sapindaceae	Kunkudu-chettu (Tel.) Puramkottai (Tam.) Muktamaya (or.)	Tree	Kernel contain 45.5% oil.
237.	Sapium indicum Willd.	Euphorbiaceae	Hurna (Hindi, Mar.), Huruna, batul (Benj.) Pen Colum (Tam.)	Tree	Seeds yield 57% yellowish oil
238.	Sapium sebiferum	Euphorbiaceae	Pippalyang (Hindi),	Tree	Kernals contain 53-64%

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
	Roxb.		Mom-china (Beng.), Meenadabatimara (Kan.)		fatty oil known as strillengia oil, drying oil.
239.	Saponaria baccaria L.	Caryophyllaceae	Musna, Sabuni (Heridi), Sabeeni (Beng.)	Herb	Seeds contains 4% oil
240.	Sarcostigma kleinii Wight & Arn.	Icacinaceae	Odal, puvenna (Tam.) Veleiodal (Mal.) Ingudi (Sans.)	Shrubby climber	Seeds yields a fatty oil used as an illuminant.
241.	Sassafras albidum (Nutt.) Nees	Lauraceae	Sassafrus, Ague Tree (Eng.)	Shrub or small tree	Root bark contain –9% volatile oil known as sassfres oil.
242.	Schinus molle L.	Anacardiaceae	Hucchee menasina mara (Kan.) Mastic Tree (Eng.)	Tree	Fruit yields 3.35-5.20% oil
243.	Semecarpus anacardium L.f.	Anacardiaceae	Bhela (Hindi), Bhallataki (Tel.), Shenkottei (Tam.), Goddugeru (Ken.) Balia (or.)	Tree	Kernel of fruit yields 20- 25% semi-drying oil.
244.	Sesbania sesban Merrill	Papilionaceae	Jainti (Hindi, Beng.), Samisstha (Tel.) Chithasathi (Tam.), Sempa (Mal.)	Shrub	Seeds yield 5.3% greenish yellow oil.
245.	Seseli diffusum (Roxb. ex Smith) Santapau & Wagh	Apiaceae	Ban-jowan (Beng.); Kirumanji ajuana (Kan.)	Herb	Fruits yield 20% fatty oil
246.	Shorea robusta Gaertn. f.	Dipterocarpaceae	Sal (Hindi. Beng.), Gugal (Tel.), Maramaram (reseis Mal.)	Tree	Sal resin sandle wood yields 41-68% oil known as chuka oil Seed yield 19-20% fatty oil.

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
247.	<i>Silybum marianum</i> (L.) Gaertn.	Compositae	Milk Thistle (Eng.)	Herb	Seeds yield fatty oil upto 45%.
248.	<i>Sisymbrium alliaria</i> Scop.	Brassicaceae	Garlic mustard (Eng.)	Herb	Seeds contis 22% fatty oil
249.	<i>Skimmia arborescens</i> T. Anders. ex Gamble	Rutaceae	Ner, Barrn (Punjab), Nair (Garhuni), patar (Kashmir)	Shrub	Seeds yield 26.8% drying oil
250.	<i>Smilax china</i> L.	Smilacaceae	chob-chini (Hindi, Beng., Mar.)	Climber	Seeds yield 11.1% fatty oil.
251.	<i>Solanum melongena</i> L.	Solanaceae	Baingan (Hindi), Begun (Bay) chiri vanfan (Tel.), Kathuirikai (Tam.) Bada nekayi (Kan.)	Herb	Seeds yield 21.2% fatty oil
252.	<i>Solanum surattense</i> Burm. f.	Solanaceae	Kateli (Hindi), Kantakari (Beng.) Pinnamulaka (Tel.), Kandankattiri (Tam. x. mal.)	Herb	Seeds yield 19.3% semi-drying oil.
253.	<i>Sorbus aucuparia</i> L.	Rosaceae	Boltab, rangrek (Punjab), Rowan tree (Eng.)	Tree	Seeds contain 22% fixed oil.
254.	<i>Spergula arvensis</i> L.	Caryophyllaceae	Muchmuchia, Khandidal (Delhi)	Herb	Seeds contain c. 10% yellow fatty oil (Medicinal)
255.	<i>Sphaeranthus indicus</i> L.	Asteraceae	Mundi, goraka memai (Hindi, Beng., Mar., Cajn.), Boddatarupa (Tel.), Kolta-karanthai (Tam.), Mirangani (Mal.)	Herb	Capitula contains a semidrying fatty oil upto 5%.
256.	<i>Stellaria media</i> (L.) Vill.	Caryophyllaceae	Morolia (Assam), Safed phukee buchbucha	Herb	Seeds yield 4.8% of fatty oil.

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			(Delhi), chickaced (Eng.)		
257.	<i>Sterculia foetida</i> L.	Sterculiaceae	Jangli badam (Hindi, Beng., Mar.), Gurapa (Tel.), Pottaikaralam (Tam.), Bhatula penari (Kan.) Pottakaralam (Mal.)		Seeds yield 30-60% of fatty oil mostly used as illuminant
258.	<i>Stereospermum suaveolens</i> DC.	Bignoniaceae	Paral (Hindi); Pavelu, muy (Beng.), goddalipaluru (Tel.), Padri (Tam.), Hudaybilla (Kan.), Patoli (or.)		Seeds yield non drying fatty oil 5%.
259.	<i>Stylosanthes guyanensis</i> (Aubl.) ser. ssp. <i>guyanensis</i>	papilionaceae	Gram pasand (Ranchi); Stylo, Branitian luesue (Eng.)	Herb or shrub	Seeds contain 17% fatty oil
260.	<i>Swietenia macrophylla</i> kunj.	Meliaceae	Bara-mahagoni (Beng.) Mahagoni (Mal.)	Tree	Seeds yield 50% of fatty oil.
261.	<i>Swietenia mahagoni</i> Jacq.	Meliaceae	Mahagoni (Beng.), Mahagoni-chettu (Tel.), Mahagoni (Tam.)	Tree	Seeds yield 50% of fatty oil.
262.	<i>Syzygium aromaticum</i> (L.) Merrill & Perry	Martaceae	Laung (Hindi, Beng., Guj. Mar.), lasanganeechetta (Tel.), Kirambu (Tam) lanuy (Kan.), Karayennpu (Mal.)	Tree	Flowers bud yields 14- 23% Pale yellow oil Leaves yield 4-5% oil.
263.	<i>Tamarindus indica</i>	Caesalpinaceae	Tamarind tree (Eng.);	Tree	The fatty oil from kernels

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
	L.		Tentul, Anbli (Beng); Imli (Hindi); Chinch, Chicha (Mar.); Anli, Ambli (Guj.); Puli (Tam.); Hute, Amti (Kan.); Puli (Mal.) Chintachettu (Tel.)		resembler peanut oil and is used from burning lamps.
264.	<i>Tectona grandis</i> L.f.	Verbetraceae/ Lumiaceae	Teak (Eng.); Begun (Beng.) Sagun (Hindi); sag, saga (Mar.); Saga Sagach (Guj.) Adaviteeku, Peddateekei (Tel.); Teekumaram (Tam.) Jadi, Sagwani (Kan); Thekku (Mal.); Singure (Oriya); chingjagu (Assam); Ripnyok (Lepeha	Tree	The kernels yield 44.5% of fatty oil used in medicines.
265.	<i>Terminalia bellirica</i> (Gaertn.) Roxb.	Combretaceae	belliric myrobalan (Eng.); Bahera (Hindi); Bhairah (Beng.); Beheda (Mar.); Tani (Tam); Tanil (Tel.); Bhara (Oriya)	Tree	The non-edible oil from kernels used in soap manufacturing
266.	<i>Thalictrum minus</i> L.	Ranunculaceae		Herb	Dried seeds yield seim- drying oil (13.80-19.9%)
267.	<i>Thespesia lampas</i> (Cav.) Dalz. & Gibs.	Malvaceae	Bankapasi, jangli- bhendi (Hindi);	Large shrub	The seeds yield 16.92% oil.

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			Bankapas, (Beng.); Ranbhendi (Mar.); Jangliparaspiplo (Guj.); Adavipratti, Katupavarasu (Mal.) Turuve (Kan.). Kaphalmuk (Lepcha); Bankapasi (sandal).		
268.	<i>Thespesia populnea</i> Soland ex. Correa	Malvaceae	Umbrella tree, indian tulip tree, Portia tree (Eng.); Parsipu, paras- pipal (Hindi); Dumbra, pareopipal, Gajashuni (Beng.) Parsacha- jhada. Bhendi-ke-jhar (Mar.); Paarsapeepala (Guj.); Gangaraavi, Gangareenu (Tel.); Poovarasam Kalla (Tam.); Poovarasu (Mal.); Gunjansto, Porsopippoli (Oriya); Pararspipal (Punjab).	Tree	the seeds yield ca 20% of dark red-coloured fatty oil.
269.	<i>Thlaspi arvense</i> L.	Brassicaceae		Herb	Seeds yield 33-37.5% fatty oil.
270.	<i>Trewia nudiflora</i> L.	Euphorbiaceae	False white teak (Eng.); Bhillaura, Gamhar, Tumri (Hindi); Pitali, Panigambhar (Beng);	Tree	The decorticated seeds yield 21.6% of a pale yellow fatty oil.

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			Petari (Mar.); Femponaku (Tel.); Annathuvali Attapuvarasu, Kanji (Kam); Katkumbala (Kan); Kattukumil (Mal.); Monsa, Pithaliya Panijambhar (Oriya).		
271.	<i>Trichodesma zeylanicum</i> R. Br.	Beraginaceae	Hetenuria, Jalasirasa (Hindi); Jalashirasi (Beng.); Tirupsing (Mundari)	Herb	The seeds kernels yield 28.7% of a golden- yellow, drying oil.
272.	<i>Trichosanthes anguina</i> L. (Non-indigenous)	Cucurbitaceae	Snake gourd (Eng.); Chachinda (Hindi); CHichinga (Beng.) padwal (Mar.); Pudal (Tam); Linga Potla; Pottakkaya (Tel.) Pada valakayi (Kan.) Patavalanga (Mal.) Chhachhindara (Oriya)	Creeper	The seeds yield a drying oil (32.1%)
273.	<i>Triumfetta rhomboidea</i> Jacq.	Tiliaceae			Seeds yield a greenish yellow odourless fatty oil.
274.	<i>Typha australis</i> Schum. & Thonn.	Typhaceae			The seeds yield yellowish brown oil.
275.	<i>Vallaris solanacea</i> Kuntze	Apocynaceae	Ramsar, Chamari-Ki-vel (Hindi); Haparmali, Ramsar (Beng.); Jookamallechettu,	Climbing shrub	The seeds yield 33% of a fatty oil

Sl. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			puttupodarayarala (Tel.) Bugadi (Kan.); bonokonerino, Hopormoli (Oriya)		
276.	<i>Vateria indica</i> L.	Dipterocarpaceae	White Damar, Indian copal-tree (Eng.); Safed Dammn (Beng. & Hindi); Vellai dammar (Tam.); Telladammar (Tel.) Meddidhupa, Hoogadanara (Kan.)	Tree	Seeds yield semisolid fat. Used for making candles.
277.	<i>Vernicia fordii</i> (Hemsl.) Airy shaw	Euphorbiaceae			
278.	<i>Vernicia montana</i> Lour. <i>A. montana</i> (Lour.) E.H. Wils.	Euphorbiaceae	Wood oil tree	Tree (Non- indigenous)	Kernels yield 40% oi. (Not used as fuel)
279.	<i>Vetiveria</i> <i>zizanioides</i> (L.) Nash	Poaceae	Vetiver, Khas-khas, Khus-khus (Eng.); Khas-khais, Bena (Hindi); Khas0khas (Beng.); Valo (Guj.); Vala (Mar.); Vettiveelu, vuruveeru (Tel.) Vettiver (Tam.) Vattiveeru, laamanche (Kan.); Ramaechan, Vetiveru (Mal.)	Tufted grass	Root yields vettiver oil used in perfumes.
280.	<i>Viburnum</i> <i>coriaceum</i> Bl.	Caprifoliaceae	Kalatitmaliya, Tita, Karwa (Kumanu);	Shrub or tree	The seeds yield an oil, used by the Nepalese for

SI. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
			Dieng-soh-law, Soh-jia-hynlam (Khasi) bara gorakuri, Pitchechor (Nepal)		burning for edible purposes
281.	<i>Withania coagulans</i> Dunal	Solanaceae	indian Rennet, indian cheese makes (Eng.); Akri, Punir (Hindi); Ashvagandha (Beng.); Panneru-gadda Tel.); Ammukkura (Tam.); Ashvagandhi (Kan.).	Undershrub	Seeds yield yellow fatty oil (12.6%). berries/ fruits yield essential oil (1.9 ml/kg.)
282.	<i>Wrightia tinctoria</i> R. Br.	Apocynaceae	Pala Indigo – Plant Indrajan, mitha-indrajau (Hindi); Indrajau (Beng.); Bindrajau, Runchallodudhlo Dudhlo (Guj.); Kala kuda, Indrajau (Mar.); Tedlapaala, Amkuda, jeddapaala (Tel.) Vey pale, Irumpalai, Thonythapale (Tam.); Kodmurki, bepalle, Kodesige (Kan.); Kotakkapolla, Aiyapala (Mal.) Pita karuan, Dudhokriya, Krya (Oriya)	Tree	the seeds yield a deep red semi-drying oil (30.5%)
283.	<i>Xylia xylocarpa</i>	Mimosaceae	Jambu (Hindi);	Tree	Seeds yield 14.7% fatty

SI. No.	Plant Name	Family	Local Name	Habit	Used (incl. part used)
	(Roxb.) Jaub.		Kondatangeedu (Tel.) Iruvel (Tam.), Tiraua (Kan.) Irumulla (Mal.), Boja (or.)		oil.
284.	Zanthoxylum limonella (Dennot.) Alston	Rutaceae	bardrang (Hindi), bazinali (Beng.); Rhetsamaramu (Tel.); Iratehai (Tour.) Jummina (Kan.), Katmurrikkum (Mal.) Mullilam oil (Eng.)	Tree	Seeds yield 30% nondrying fatty oil
285.	Zanthoxylum nitidum (Roxb.) DC.	Rutaceae	Tezamu (Assam)	Shrub	Seeds yield 3.5-5% essential oil
286.	Ziziphus mauritiana Lam.	Rhamnaceae	Baer (Hindi), Kool (Beng.), Reegu (Tel.), Elandai (Tam.); Yalachi (Kan.), Barkoli (or.)	Small tree	Seeds yield 33% oil.
287.	Ziziphus xylopyra Willd.	Rhamnaceae	Kat-ber (Hindi), Gotte (Tel.), Kottei (Tam.), Challe (Kan.)	Small tree	Seeds yield 10% fatty oil

(D) COMMERCIAL OIL YEILDING CROPS

Sl. No.	Name of the Species	Family	Common name/ Local Name	Habit	Uses
1.	<i>Amyris balsamifera</i> L.	Rutaceae	West Indian sandal wood	Small tree	Perfume fixative in soaps & cheaper cosmetics
2.	<i>Arachis hypogea</i> L.	Papilionaceae	Ground nut; mungphali	Herb	Edible oil
3.	<i>Boronia megastigma</i> Nees	Rutaceae		Shrub	Food flavouring and perfumery
4.	<i>Brassica campestris</i> L. var <i>toria</i>	Brassicaceae	Toria	Herb	Edible oil
5.	<i>Brassica campestris</i> L. var. <i>Sarson</i>	Brassicaceae	Yellow mustard	Herb	Edible oil
6.	<i>Brassica carinata</i>	Brassicaceae	---	---	---
7.	<i>Brassica comprestis</i> L. var. <i>oleifera</i>	Brassicaceae	Rapeseed	Herb	Edible oil
8.	<i>Brassica juncea</i> Hook. f. & Thoms	Brassicaceae	Black mustard	Herb	Edible oil
9.	<i>Brassica napus</i> L.	Brassicaceae	Rai	Herb	Edible oil
10.	<i>Brassica nigra</i> (L.) Koch.	Brassicaceae	Ethiopian mustard	Herb	Edible oil
11.	<i>Cananga odorata</i> (Lam.) Hook. f. & Thoms.	Annonaceae	Ylang-yalng	Tree	Commercially used in makings shops, toiletries and ragrances
12.	<i>Carthamus lanatus</i>	Asteraceae	Saffron thistle oil	Herb	Adulment
13.	<i>Carthamus oxycantha</i>	Asteraceae	Pohli oil	Herb	Adulment
14.	<i>Carthamus tinctorius</i> L.	Asteraceae	Kardi oil	Herb	Edible oil
15.	<i>Cinnamomum burmannii</i> (CG & Th.) Nees	Lauraceae	Indonesia cassia	Tree	Commercial used
16.	<i>Cinnamomum camphora</i> (L.) Nees & Eberm.	Lauraceae	Comphor	Tree	Commercial used
17.	<i>Cinnamomum cassia</i> Presl. ex	Lauraceae	Chinese cassia	Tree	Commercial used

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18.	<i>Cinnamomum tamala</i> Nees & Eberm.	Lauraceae	Indian cassia	Tree	Spices, and condiments
19.	<i>Cinnamomum verum</i> Presl.	Lauraceae	Cinnamon	Tree	Used as a odouring and flavoring agents
20.	<i>Citrus limon</i> (L.) Burm.	Rutaceae	Lemon	Small tree	Food, beverages, perfumery, cosmetics, soaps pharmaceutical and condiments, insecticides, washing liquids, textile and rubber products
21.	<i>Citrus aurantifolia</i> Sw.	Rutaceae	Lemon	Small tree	Food, beverages, perfumery, cosmetics, soaps pharmaceutical and condiments, insecticides, washing liquids, textile and rubber products
22.	<i>Citrus aurantium</i> Sw.	Rutaceae	Bitter orange	Small tree	Food, beverages, perfumery, cosmetics, soaps pharmaceutical and condiments, insecticides, washing liquids, textile and rubber products
23.	<i>Citrus paradisi</i> Macf.	Rutaceae	Grape fruit	Small tree	Food, beverages, perfumery, cosmetics, soaps pharmaceutical and condiments, insecticides, washing liquids, textile and rubber products
24.	<i>Citrus reticulata</i> Blanco.	Rutaceae	Mandarin	Small tree	Food, beverages, perfumery, cosmetics, soaps pharmaceutical and condiments, insecticides, washing liquids, textile and rubber products
25.	<i>Citrus sinensis</i> (L.) Osbeck.	Rutaceae	Sweet orange	Small	Food, beverages, perfumery, cosmetics, soaps pharmaceutical

				tree	and condiments, insecticides, washing liquids, textile and rubber products
26.	<i>Crambe abyssinica</i> Hochest	Brassicaceae	Cramble	Herb	Commercial oil
27.	<i>Crocus sativus</i> L.	Iridaceae	Saffron	Herb	Detergents, disinfectants, insecticides and similar products.
28.	<i>Cymbopogon citratus</i> (DC.) Stapf.	Poaceae	Lemon grass	Herb	Used for masking fragrance in deodorant, waxes, polishes, detergents and insecticides
29.	<i>Cymbopogon martinii</i> Roxb. Wats var <i>martinii</i>	Poaceae	Palmarosa oil	Herb	Used extensively in perfumery, soap industry
30.	<i>Cymbopogon martinii</i> Stapf. var <i>sofia</i>	Poaceae	Ginger grass	Herb	Mainly in making scented soaps
31.	<i>Cymbopogon nardus</i> (L.) Rendle	Poaceae	Citronella grass	Herb	Used in domestic insect repellent
32.	<i>Eruca sativa</i>	Brassicaceae	Tira	Herb	Edible oil
33.	<i>Eucalyptus citriodora</i> Hook.	Myrtaceae	Eucalyptus	Tree	Perfumes, soaps and disinfectants
34.	<i>Eucalyptus dives</i> Schaner	Myrtaceae	Eucalyptus	Tree	Solvent, perfumes and disinfectants
35.	<i>Eucalyptus elata</i> Dehnh	Myrtaceae	Eucalyptus	Tree	Detergents, disinfectants, insecticides and similar products.
36.	<i>Eucalyptus globulus</i> Labill	Myrtaceae	Eucalyptus	Tree	Household utility products, perfumery, pharmaceutically in lozenges and syrups
37.	<i>Eucalyptus leucoxylon</i> F. Muell.	Myrtaceae	Eucalyptus	Tree	Detergents, disinfectants, insecticides and similar products.
38.	<i>Eucalyptus macarthurii</i> D. & M. Camden	Myrtaceae	Eucalyptus	Tree	Detergents, disinfectants, insecticides and similar products.
39.	<i>Eucalyptus maidenii</i> F. Muell.	Myrtaceae	Eucalyptus	Tree	Detergents, disinfectants, insecticides and similar products.

40.	<i>Eucalyptus obliqua</i> L Herit	Myrtaceae	Eucalyptus	Tree	Perfumes, soaps and disinfectants
41.	<i>Eucalyptus polybractea</i> Baker	Myrtaceae	Eucalyptus	Tree	Pharmaceutical uses including toothpaste, mouthwash and cough drops
42.	<i>Eucalyptus radiata</i> Sieb. ex DC.	Myrtaceae	Eucalyptus	Tree	---
43.	<i>Eucalyptus sideroxylon</i> Cunn. ex Woolls	Myrtaceae	Eucalyptus	Tree	Detergents, disinfectants, insecticides and similar products.
44.	<i>Eucalyptus smithii</i> Baker	Myrtaceae	Eucalyptus	Tree	Detergents, disinfectants, insecticides and similar products.
45.	<i>Eucalyptus staigerana</i> F. Muell.	Myrtaceae	Eucalyptus	Tree	Detergents, disinfectants, insecticides and similar products.
46.	<i>Eucalyptus tereticornis</i> Sm.	Myrtaceae	Eucalyptus	Tree	Detergents, disinfectants, insecticides and similar products.
47.	<i>Eucalyptus viridis</i> Baker	Myrtaceae	Eucalyptus	Tree	Detergents, disinfectants, insecticides and similar products.
48.	<i>Geranium macrorrhizum</i> L.	Geraniaceae	Zdravetz	Herb	Used exclusively in perfumery and cosmetics
49.	<i>Glycine max</i> L.	Papilionaceae	Soyabean	Herb	Edible oil
50.	<i>Guizotia abyssinica</i> cass.	Asteraceae	Niger	Herb	Commercial oil
51.	<i>Helianthus annus</i> L.	Asteraceae	Sunflower	Shrub	Edible oil
52.	<i>Jasminum auriculatum</i> Vahl.	Oleaceae	Jasmine	Climber	Perfumery
53.	<i>Jasminum grandiflorum</i> L.	Oleaceae	Jasmine	Climber	Perfumery
54.	<i>Jasminum sambac</i> (L.) Aiton	Oleaceae	Jasmine	Climber	Perfumery
55.	<i>Laurus nobilis</i> L.	Lauraceae	Laurel	Tree	Used in perfumery and soap industries
56.	<i>Leptospermum petersonii</i> Bailey	Myrtaceae	---	Tree	Medicinal and Pharmaceutical products

57.	<i>Litsea cubeba</i> (Lour) Pers.	Lauraceae	---	Tree	---
58.	<i>Melaleuca alternifolia</i> (Maid. & Bet.) Cheel.	Myrtaceae	Tea-tree	Tree	Antimicrobial in medicinal and veterinary purposes
59.	<i>Melaleuca bracteata</i> F. Muell.	Myrtaceae	---	Tree	Medicinal and Pharmaceutical products
60.	<i>Melaleuca cajuputi</i> Powell	Myrtaceae	Cajuputi	Tree	Insecticides and insect repellent
61.	<i>Melaleuca dissitiflora</i> F. Muell.	Myrtaceae	---	Tree	Medicinal and Pharmaceutical products
62.	<i>Melaleuca linariifolia</i> Sm.	Myrtaceae	Black tea tree	Tree	Medicinal and Pharmaceutical products
63.	<i>Melaleuca quinquenervia</i> (cav.) S.T. Blake	Myrtaceae	---	Tree	Medicinal and Pharmaceutical products
64.	<i>Myristica fragrans</i> Houtt	Myristicaceae	Nutmeg, Jai phal	Tree	Edible and medicinal use.
65.	<i>Myrtus communis</i> L.	Myrtaceae		Shrub or small tree	Extract of leaves in coughs & chest complaints and flavoring in alcoholic drinks.
66.	<i>Ocotea pretiosa</i>	Lauraceae	October	Tree	Used as an industrial perfume for masking undesirable odours
67.	<i>Osmanthus fragrans</i> Lour.	Oleaceae	Jasmine	Tree	Fragrances & cosmetics
68.	<i>Pelargonium capitatum</i> (L.) L Hert.	Geraniaceae	---	Herb	Uses in perfumery and cosmetics
69.	<i>Pelargonium graveolens</i> L'Hert. ex Ait.	Geraniaceae	---	Herb	Uses in perfumery and cosmetics
70.	<i>Pelargonium odoratissimum</i> (L) L Hert. ex Ait.	Geraniaceae	---	Herb	Uses in perfumery and cosmetics
71.	<i>Pelargonium radens</i> H.E. Moore	Geraniaceae	---	Herb	Uses in perfumery and cosmetics
72.	<i>Pimenta dioica</i> (L.) Merr.	Myrtaceae		Tree	Meat products and confectionery.
73.	<i>Pimenta racemosa</i> Kostel.	Myrtaceae	Bay-berry	Tree	Hair and after shave lotions.

74.	<i>Piper betle</i> L.	Piperaceae	Supari	Tree	Fungicidal and nematicidal
75.	<i>Piper cubeba</i> L.	Piperaceae	Kababchini	Climber	Perfumery & soaps and in certain medicine
76.	<i>Piper nigrum</i> L.	Piperaceae	Kali mirch	Climber	Processed meats, pickles, dressing all kinds of variety foods
77.	<i>Pogostemon cablin</i> Benth.	Lamiaceae	Patchouli	Shrub	Used in perfumes of all kinds, cosmetics, toiletries, masking agents
78.	<i>Ricinus communis</i> L.	Euphorbiaceae	Castor oil	Shrub	Commercial oil
79.	<i>Rosa centifolia</i> L.	Rosaceae	Rose	Shrub	Confectionery and foods
80.	<i>Rosa damascena</i> Mill.	Rosaceae	Rose	Shrub	Confectionery and foods
81.	<i>Rosa moschata</i>	Rosaceae	Rose	Shrub	Confectionery and foods
82.	<i>Rosa multiflora</i>	Rosaceae	Rose	Shrub	Confectionery and foods
83.	<i>Santalum albm</i> L.	Santalaceae	Chandan / Sandal	Tree	Antiseptic, antiscorbutic, diuretic, perfumery, soaps, cosmetics & toiletries
84.	<i>Sassafras albidum</i> (Nutt) Nees	Lauraceae	Sassfras	Tree	---
85.	<i>Sesamum indicum</i> L.	Pedaliaceae	Sesame	Herb	Edible oil
86.	<i>Simmondsia chinensis</i> (Link.) Schneider	Simmondsiaceae	Jajoba	Shrub	Commercial oil
87.	<i>Sinapis alba</i>	Brassicaceae	Brown mustard	Herb	Edible oil
88.	<i>Syzygium aromaticum</i> (L.) Merr. & Perry	Myrtaceae	Clove	Tree	Aromatic & Medicinal
89.	<i>Vetiveria zizanioides</i> L.	Poaceae	Vetiver; khas-khas	Herb	Flavoring agent and hair dressing elements
90.	<i>Zingiber officinale</i> Rosc.	Zinfiberaceae	Ginger	Herb	Perfumes, cosmetics, pharmaceutical especially lozenges

					and similar formulations
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