

# **Dye Yielding Plants**

## **mapped in Garhwal region of Uttarakhand**



Local Name	: Akhroat
Botanical Name	: Juglans regia
Part used	: Fruit Rind
Colour achieved	: Rust brown
Invasive/Native	: Native
Lat / Long	:30.7090 N ,78.3491E
Alt ( Meter)	: 1300-1500
Other Uses	:Used as dry fruits



Local Name	: Bhemal
Botanical Name	: <i>Grewia optiva</i> Drumm
Part used	: Seeds
Colour achieved	: Varied shades depending on mordant and fabric;
Mordants Used	: Alum, ferrous sulphate, copper sulphate, potassium dichromate, stannous chloride
Invasive or native	: Native
Lat / Long	: 30.6707 N, 78.3533 E
Alt ( Meter)	: 1300-1500
Other Uses	: Bark is used for making handicrafts



Local Name	: Dhatura
Botanical Name	: Lagerstroemia parviflora roxb
Part used	: Bark
Colour achieved	: Black
Invasive / Native	: Native
Lat / Long	: 30.6706 N, 78.3520 E
Alt ( Meter)	: 1200-1500
Other Uses	: For Medicine Used and Religious & Spiritual Uses



Local Name	: Kathal
Botanical Name	: Artocarpus heterophyllus Lam
Part used	: Fruits / wood
Colour achieved	: Yellow
Invasive/Native	: Native
Lat / Long	:30.6932 N, 78.3545 E
Alt ( Meter)	: 1200-1500
Other Uses	:Jackfruit wood is termite-resistant and durable. It is used to make furniture's.



Local Name : Chhotee Chhotee

Botanical Name : Lantana camara

Part used : Flowers and Leaves

Colour achieved : Different shades as shown below are produced by using different mordants.



(i) Copper sulphate



(ii) Ferrous sulphate



(iii) Nickel sulphate



(iv) Potassium aluminium sulphate



(v) Potassium dichromate



(vi) Stannous chloride



Local Name	: Bel
Botanical Name	: <i>Aegle marmelos</i>
Part used	: Leaves / fruit rind
Colour achieved	: shades of Brown / yellow
Invasive/Native	: Native
Lat / Long	:30.1438 N, 78.2930 E
Alt ( Meter)	: 340
Other Uses	:For Medicine, Nutritional and Religious use.



Local Name	: Anaar
Botanical Name	: <i>Punica Granatum</i>
Part used	: Fruit Rind
Colour achieved	: Shades of green
Invasive/Native	: Native
Location	: Chamba
Lat/Long	:30.334336 N78404569
Altitude (Meter)	:1300-1500
Other Use	: Lowers blood pressure (antihypertensive). Reduces LDL cholesterol (bad cholesterol) and Improves blood circulation.



Local Name	: Almorya
Botanical Name	: Rumex hastatus D.Don
Part used	: Roots
Colour achieved	: Yellow green
Invasive/Native	: Native
Location	: Dargi, Uttarakhand
Lat / Long	: 30.3171 N / 78.4070 E
Altitude (meter)	: 1200-1500
Other use	: Medicinal use – root paste applied on skin disease.



Local Name	: Arusa
Botanical Name	: Justicia adhatoda
Part used	: Leaves
Colour achieved	: Orange/yellow
Invasive/Native	: Native
Location	: Dehradun and Haridwar
Lat / Long	: 30.31649° N and 78.03219° E 29.945690° N, 78.164246° E
Altitude (meter)	: 450 250
Other use	: Ayurvedic medicine useful for respiratory ailments.



Local Name : Babul

Botanical Name : *Accacia nilotica*

Part used : Fruit rind /Gum

Colour achieved : Brown and black

Invasive/Native : Native

Location : Dehradun and Haridwar

Lat / Long : 30.31649° N and 78.03219° E  
29.945690° N 78.164246° E

Altitude (meter) : 450  
250

Other use : Medicinal use



Local Name : Bahera

Botanical Name : Terminalia belerica

Part used : Fruit

Colour achieved : Brown

Invasive/Native : Native

Location : Haridwar  
: Udham Singh Nagar

Lat / Long : 29.945690° N, 78.164246° E  
29.0541° N & 79.4631° E

Altitude (meter) : 250-300

Other use : Medicinal use



Local Name	:	Chakunder
Botanical Name	:	Beta vulgaris
Part used	:	Roots
Colour achieved	:	Red
Invasive/Native	:	Native
Location	:	Dehradun, Udham Singh Nagar
Lat / Long	:	30.31649N 78.03219 E (Deh) 28.9610° N, 79.5154° E (Udh)
Altitude (meter)	:	450 & 250
Other use	:	Used for its medicinal properties, including improving heart health, brain function, and gut health, thanks to its rich content of vitamins, minerals, and antioxidants



Local Name	: Bebhang
Botanical Name	: <i>Datisca indica</i>
Part used	: Flower
Colour achieved	: Red
Invasive/Native	: Native
Location	: Paudi Gadwal
Lat / Long	: 30.1471205N 78.7745343E
Altitude (meter)	: 1800-2000
Other Uses	: The roots are used as a sedative to reduce joint pain and swelling



Local Name : Bhamor

Botanical Name : *Cornus capitata*

Part used : Bark

Colour achieved : Brown red

Invasive/Native : Native

Location : Chamoli Hemkund, Badrinath  
Uttarkashi-Gangotri Yamunotri

Lat / Long : 30.69931N 79.61526° E  
30.743309N 79.493767 E  
30.9800 N 78.9300 E  
31.0100 N 78.4500 E

Altitude (meter) : 3200 to 4400 m

Other use : Traditional medicine to treat digestive issues due to its astringent properties and to reduce inflammation. Its fruits, rich in fiber and low in sugar, are considered beneficial for people with diabetes.



Local Name	: Bhinkol
Botanical Name	: Prinsepia utilis
Part used	: Fruit, seed
Colour achieved	: Blue, yellow
Invasive/Native	: Native
Location	: Rudra Prayag
Lat / Long	: 30.2847N, 78.9835 E
Altitude (meter)	: 800-900



Local Name : Amrood

Botanical Name : Psidium guajava

Part used : Fruits

Colour achieved : Black & Brown

Invasive/Native : Native

Location : Dehradun

Lat / Long : 30.31649N & 79.4131E

Altitude (meter) : 450 Meter

Other use : Used in traditional medicine for various conditions, with its fruit and leaves being utilized for treating issues like colds, digestion, and skin problems.



Local Name	: Burans
Botanical Name	:Rhododendron arboretum
Part used	: Flower
Colour achieved	:Pink. Maroon
Invasive/Native	: Native
Location	:Tehri Garhwal &Pauri Garhwal
Lat / Long	:Tehri-30.293461, 78.524094. Pauri-30.1471205,78.7745343
Altitude (meter)	: 2340 & 2000 Meter
Other use	: Flower juice is useful in reducing blood pressure.



Local Name : Kilmoda

Botanical Name : Berberis asiatica

Part used : Root & Stem

Colour achieved : Yelloew

Invasive/Native : Native

Location : Chamba, Uttarakhand

Lat / Long : 30.339211 78.403126

Altitude (meter) : 1600 Meter

Other use : Antibacterial, Jaundice & fever



Local Name	: Kachnar
Botanical Name	: Bauhina racemosa
Part used	: Bark
Colour achieved	: Light Green
Invasive/Native	: Native
Location	: Dehradun & Haridwar
Lat / Long	: 30.31649 N 78.03219 E & 29.945690N 78.164246
Altitude (meter)	: 450 & 250 Meter
Other use	: Leaf paste used in skin diseases and bark powder is used in blood pressure.



Local Name	: Amaltas
Botanical Name	: Cassia fistula L
Part used	: Bark & Fruits
Colour achieved	: Brown
Invasive/Native	: Native
Location	: Dehradun & Haridwar
Lat / Long	: 30.31649 N 78.03219 E & 29.945690N 78.164246 E
Altitude (meter)	: 450 & 250
Other use	: Mild laxative, Ulcers, Wounds



Local Name : Kandali

Botanical Name : Urtica ardens

Part used : Stem & Root

Colour achieved :Pale green yellow

Invasive/Native : Native

Location : Singuni,Uttarakhand

Lat / Long :30.670548 N 78.352048 E

Altitude (meter) : 1200 Meter

Other use: Plant used in traditional medicine for its anti-inflammatory properties to alleviate arthritis and other inflammatory conditions, its antioxidant effects, and its potential in managing diabetes and microbial infections.



Local Name	: Gul Mehndi
Botanical Name	: Impatiens balsamina L.
Part used	: Fruits
Colour achieved	: Red
Invasive/Native	: Native
Location	: Dehradun & Haridwar
Lat / Long	: 30.31649 N 78.03219 E 29.945690N 78.164246 E
Altitude (meter)	: 450 & 250
Other use	: To treat ailments like rheumatism, fractures, inflammation, and bruises



Local Name	: Awala
Botanical Name	: <i>Emblica officinalis</i> Gaertn.syn
Part used	: Fruits & Berk
Colour achieved	: Dark & Brown
Invasive/Native	: Native
Location	: Dehradoon & Roorkee
Lat / Long	:30.31649 N 78.03219 E 29.85426N 77.888002E
Altitude (meter)	: 450 & 268
Other use	: Fruit are rich in polyphenols, minerals and regarded as one of the richest source of Vitamin C



Local Name	: Toon
Botanical Name	: Toona hexandra
Part used	: Flower & Seed
Colour achieved	: Yellow and red from seed
Invasive/Native	: Native
Location Garhwal	: Tehri Garhwal & Pauri
Lat / Long	: Tehri-30.293461N 78.524094E Pauri-30.1471205,78.7745343E
Altitude (meter)	: 2340 & 2000
Other use	: It is used to treat a variety of ailments, including diarrhea, fever, skin diseases, menstrual disorders, and wounds.



Local Name	: Dhak
Botanical Name	: Butea monosperma (Lam.) Kuntze
Part used	: Flowers
Colour achieved	: Yellow/ Orange
Invasive/Native	: Native
Location	: Dehradun & Haldwani
Lat / Long	: 30.31649 N 78.03219 E & 29.2183N 79.5130 E
Altitude (meter)	: 450 & 425
Other use	: The flower extract with water useful in gastritis [2]. Gum from bark known as Bengal Kino useful in treatment of ulcer, diarrhea, antioxidative, anti-inflammatory, hepatoprotective and anti-cancer activities.



Local Name : Semal

Botanical Name :Salmalia malbarica

Part used : Spines

Colour achieved : Green/Yellow

Invasive/Native : Native

Location : Dehradun & Haldwani

Lat / Long :30.31649 N 78.03219 E &  
29.2183N 79.5130 E

Altitude (meter) : 450 & 425

Other use :Salmalia is one of the very useful Ayurvedic herb, used for the treatment of dysentery, diarrhea, hemoptysis, influenza, acne, pimple, and menorrhagia.



Local Name : Surai

Botanical Name : Cupressus torulosa

Part used : Leaves

Colour achieved :Green

Invasive/Native : Native

Location :Tehri Garhwal

Lat / Long :30.293461N 78.524094 E

Altitude (meter) : 2300 Meter



Local Name : Konk (Kumkum)

Botanical Name : Euonymus tingens

Part used : Bark

Colour achieved : Yellow

Invasive/Native : Native

Location : Chamoli

Lat / Long : 30.7280° N, 79.6050° E

Altitude (meter) : 3000-3500 Meter

Other use : It is a medicinal plant used in traditional medicine.

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Local Name : Harad

Botanical Name : Terminalia chebula Gaertn.) Retz

Part used : Root & Bark

Colour achieved : Dark Blue

Invasive/Native : Native

Location : Pauri Garhwal

Lat / Long : 30.1471205,N ,78.7745343E

Altitude (meter) : 2000

Other use : Terminalia chebula, known as "Myrobalan" or the "King of Medicines," is a vital plant in traditional Ayurvedic, Siddha, and Unani medicine, used for its diverse properties as a mild laxative, astringent, and tonic.



Local Name	: Genda
Botanical Name	: Tagetes erecta L.
Part used	: Flowers
Colour achieved	: Yellow
Invasive/Native	: Native
Location	: Dehradun & Haldwani
Lat / Long	: 30.31649 N 78.03219 E & 29.2183N 79.5130 E
Altitude (meter)	: 450 & 425
Other use	: Leaf juice useful in earache.



Local Name	: Ratanjot
Botanical Name	: Geranium napalense
Part used	: Bark & Roots
Colour achieved	: Maroon, purple
Invasive/Native	: Native
Location	: Uttarkashi & Chamoli
Lat / Long	: 30.9947N 78.9398 E & 307289N 79.6050E
Altitude (meter)	: 2500 & 3500
Other use	: Throat infections, menses, stomachic, general pain in body, and asthma.



Local Name : Sakina

Botanical Name : Indigofera heterantha

Part used : Seed

Colour achieved : Indigo

Invasive/Native : Native

Location : Rishikesh

Lat / Long : 30.1158 N 78.2853 E

Altitude (meter) : 380



Local Name	: Tantri
Botanical Name	:Rheum emmorcroftianum
Part used	: Root
Colour achieved	: Yellow
Invasive/Native	: Native
Location	: Chamoli
Lat / Long	:30.7280° N, 79.6050° E
Altitude (meter)	: 3500
Other use	:Rhizome powder with water taken orally to relieve cough, cold.



Local Name : Mehndi

Botanical Name : Lawsonia inermis

Part used : Leaves

Colour achieved : Yellow & Orange

Invasive/Native : Native

Location : Dehradun&Haridwar

Lat / Long :30.31649 N 78.03219 E  
29.945690N 78164246E

Altitude (meter) : 450 & 250

Other use : Used in traditional medicine to treat skin disorders, burns, and wound healing due to its antimicrobial and antioxidant properties.



Local Name : Pangar

Botanical Name : Aesculus indica

Part used : Bark

Colour achieved : Red

Invasive/Native : Native

Location : Tehri Garhwal & Pauri Garhwal

Lat / Long : Tehri-30.293461, 78.524094.  
Pauri-30.1471205, 78.7745343

Altitude (meter) : 2340 & 1800

Other use :

Rheumatism warm paste applies on affected part.



Local Name : Phalsa

Botanical Name : Grewia subinaequails

Part used : Fruits

Colour achieved : Orange/Yellow

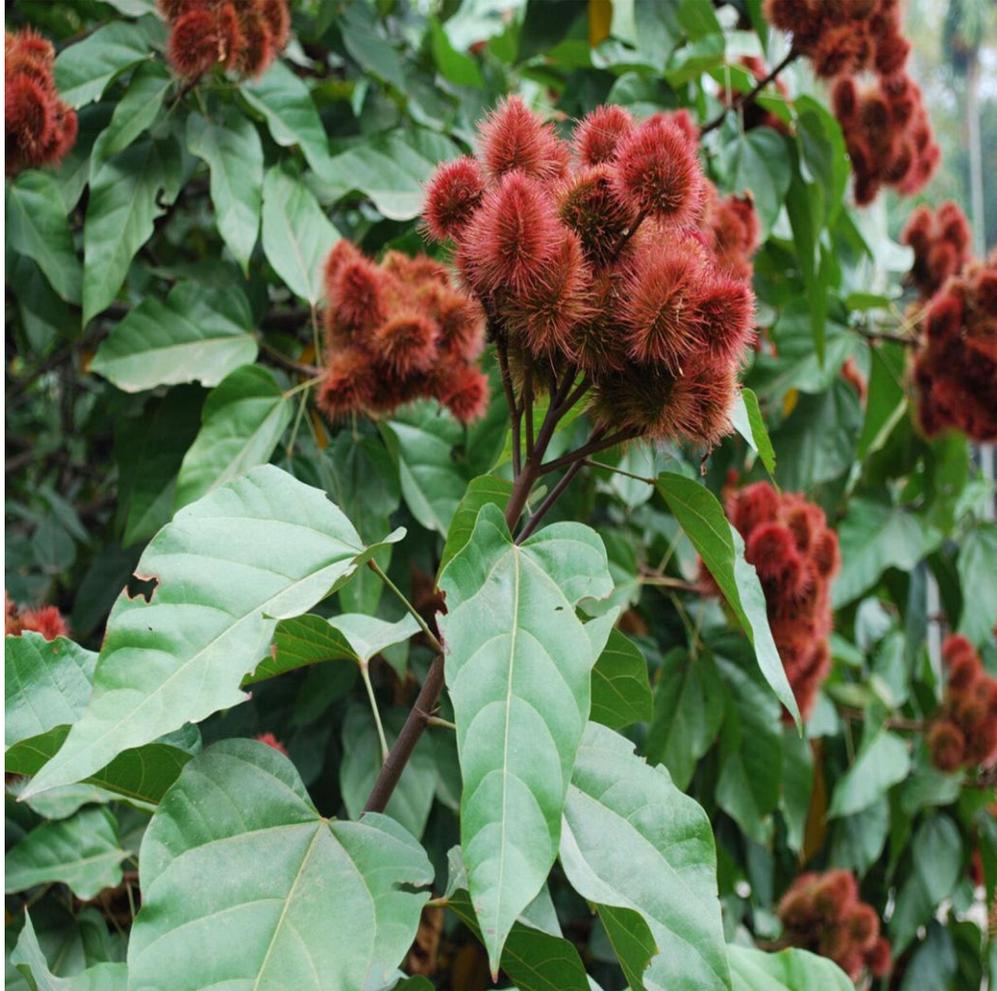
Invasive/Native : Native

Location : Dehradun

Lat / Long : 30.31649 N 78.32019 E

Altitude (Meter) : 450

Other use : Used in traditional medicine for its astringent, cooling, and stomachic properties, with various parts of the plant used to treat fever, inflammation, cardiac and blood disorders, and skin ailments.



Local Name	: Sandoor
Botanical	: Bixa orellena L.
Part used	: Seed
Colour achieved	: Orange & Red
Invasive/Native	: Native
Location	: Roorkee & Haldwani
Lat / Long	: 29.85426N 77.888002E 29.2183 N ,79.5130E
Altitude (meter)	: 268 & 425



Local Name : Sharifa

Botanical Name : *Annona squamosa*

Part Used : Fruits

Colour achieved : Yellow

Invasive/Native : Native

Location : Udham Singh Nagar & Haridwar

Lat / Long : 29.0541 N 79.4631E &  
29.945690N 78.164246

Altitude (meter) : 300 & 250

Other use : Used in medicine for its rich content of vitamins C and B6, magnesium, and dietary fiber, which support heart health by regulating blood pressure and cholesterol, aid digestion, boost immunity.



Local Name : Saigon

Botanical Name :Tectona grandis L.f.

Part used : Leaves & Bark

Colour achieved : Reddish

Invasive/Native : Native

Location : Dehradun & Haridwar

Lat / Long :30.31649 N 78.03219 E &  
:29.945690N 78164246E

Altitude (meter) : 450 & 250

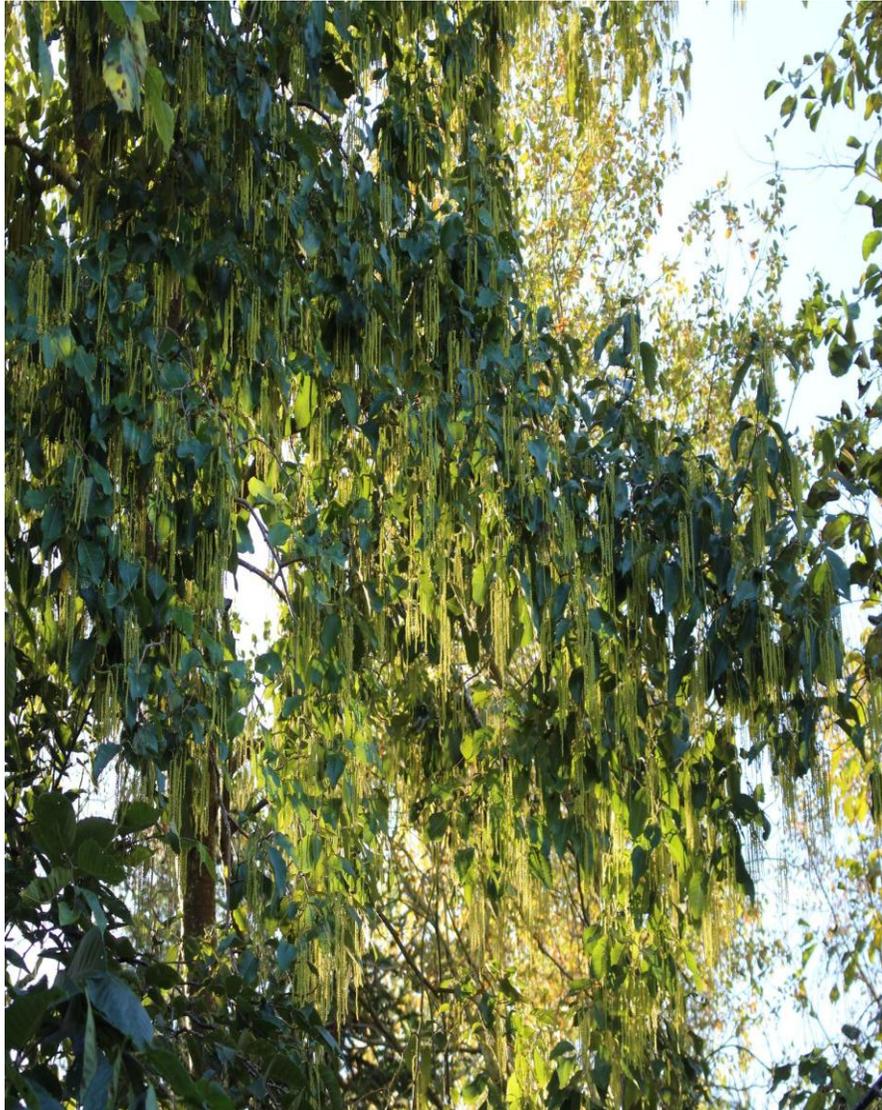
Other use : The leaves, seeds, roots, and bark of teak trees are used to treat various ailments, including diarrhea, anemia, fever, malaria, inflammation, skin itching, and bleeding.



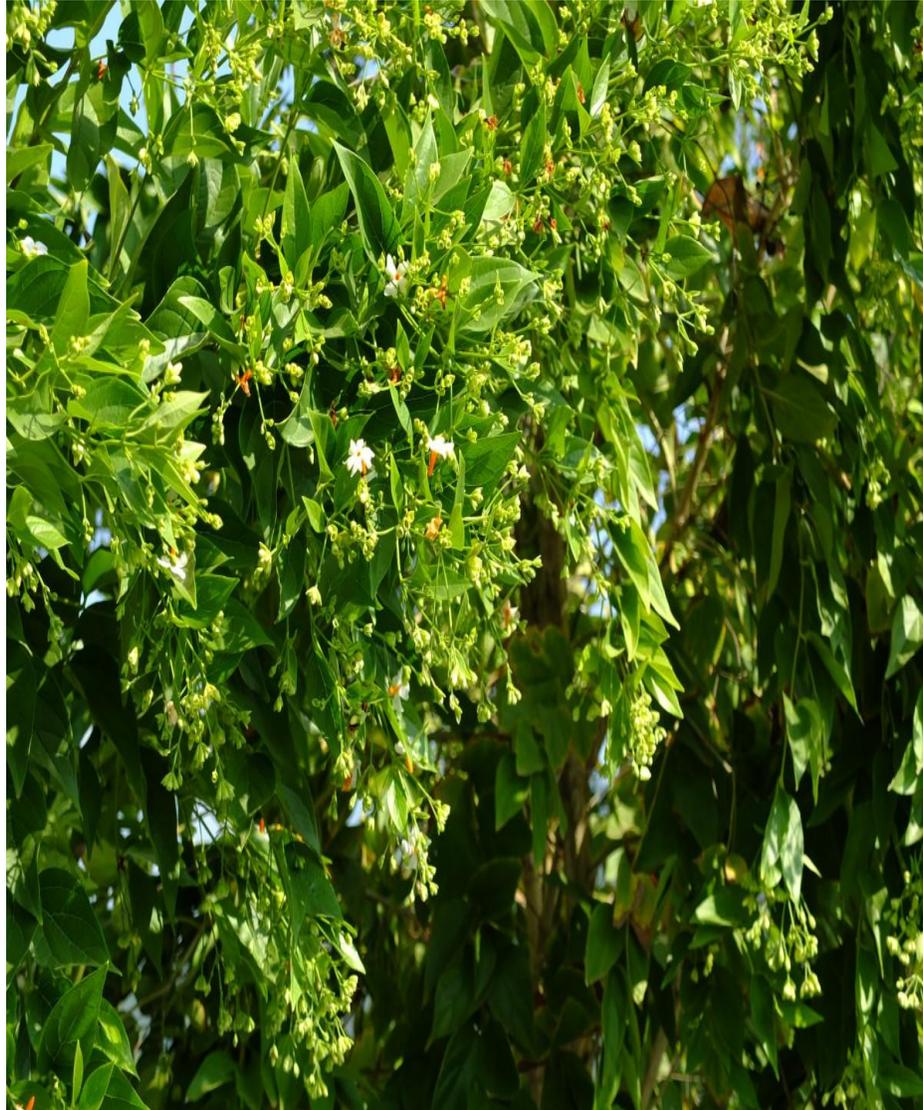
Local Name	: Tejpatta
Botanical Name	:Cinnamomum tamala
Part used	: Leaves
Colour achieved	:Yellowish-green/olive green
Invastive/Natives	: Native
Location	: Almoda & Nainital
Lat / Long	:29.59 N 79.64E 29.38 N 79.45E
Altitude (meter)	: 1642 & 2084
Other Use	: Uses in Blood pressure and digestion.



- Local Name : Basant
- Botanical Name :Hypericum oblongifolium Choisy
- Part used : Flowers
- Colour achieved : Yellow
- Invasive/Native : Native
- Location : Chakrata Tihri Garhwal
- Lat / Long :30.7016 N 77.8696E
- Altitude (meter) : 2200 Meter
- Other use : Used in traditional medicine to treat conditions such as hepatitis, gastric ulcers, nasal bleeding, external wounds, and as a remedy for animal bites and stings.



Local Name	: Utish
Botanical Name	: <i>Alnus nepalensis</i>
Part used	: Bark
Colour achieved	: Red
Invasive/Native	: Native
Location	: Uttar Kashi & Tehri Garhwal
Lat / Long	: 30.9947 N 78.9398 E & 30.292461 N 78.5249094E
Altitude (meter)	: 2500 & 2340
Other use	: Used in the Himalayan region to treat digestive issues like diarrhea, dysentery, and stomach ache.



Local Name : Harsingar

Botanical Name: :Nyctantheus arbortristis

Part used : Flowers

Colour achieved : Maroon

Invasive/Native : Native

Location : Haridwar

Lat / Long : 29.945690N 78.164246E

Altitude (meter) : 250



Local Name : Bujr Bhang

Botanical Name : Dehisce cannabina

Part used : Roots & Leaves

Colour achieved : Yellowish Red

Invasive/Native :Native

Location : Near Rishikesh

Lat / Long : 301053N 78.0680E

Altitude (meter) : 372

Other Use : Bhang may help protect against pain, muscle spasms, seizures, nausea, and vomiting. However, it also carries risks, and some people should avoid it.



Local Name	: Dhola
Botanical Name	: <i>Woodfordia fruticosa</i>
Part used	: Flowers
Colour achieved	: Red
Invasive/Native	: Native
Location	: Tehri Garhwal
Lat / Long	: 30.293461N 78.524094E
Altitude (meter)	: 2340
Others Use	: Dried flowers used in dysenterys.



Local Name	: Jatamasi
Botanical Name	: Nardostachya grandiflora
Part used	: Flowers
Colour achieved	: Maroon
Invasive/Native	: Native
Location	: Chamoli
Lat / Long	: 30.4167N 79.8333E
Altitude (meter)	: 4000
Others Use	: Root powder with oil taken orally in heart disease and high blood pressure.



Local Name	: Kail
Botanical Name	: Pinus wallichiana
Part used	: Bark
Colour achieved	: Black
Invasive/Native	: Native
Location	: Chamoli & Uttarakhand :
Lat / Long	: 30.7280N 79.6050E :30.9947 N 78.9398E
Altitude (meter)	: 3500 & 2500
Others Use	: Uses in Rh emetic pain. .



Local Name	: Madar
Botanical Name	: <i>Erythrina suberosa</i> Roxb.
Part used	: Bark & Floweers
Colour achieved	: Reddish Brown
Invasive/Native	: Native
Location	: Haridwar & Risjikesh
Lat / Long	: 29.545690 N 78.164246E :30.1158N 78.2853E
Altitude (meter)	: 250 & 380
Others Use	: To treat ringworm; useful in skin and respiratory diseases.



- Local Name : Kaphal
- Botanical Name : *Myrica esculenta*
- Part used : Bark & Fruits
- Colour achieved : Maroon /Yellow
- Invasive/Native : Native
- Location : Almora& Nainital
- Lat / Long : 29.59N 79.64E  
29.38N 79.45E
- Altitude (meter) : 1,642 & 2084
- Others Use : Fruit juice with salt useful in fever, headache and body pain.



Local Name	: Curry Patta
Botanical Name	: Murraya koengli
Part used	: Stem
Colour achieved	: Brown
Invasive/Native	: Native
Location	: Haridwar & Dehradun
Lat / Long	: 29.945690N 78.164246E 30.31649N 78.03219E
Altitude (meter)	: 250 & 450
Others Use	: Leaves used as spices and condiment, reduce blood pressure and control diabetes.



Local Name	: Haldi
Botanical Name	: Curcuma longa, C. domestica
Part used	: Root & Rhizome
Colour achieved	: Yellow
Invasive/Native	: Native
Location	: Dehradun & Rishikesh
Lat / Long	: 30.31649N 78.03219E 30.1158 N 78.2853 E
Altitude (meter)	: 450 & 380
Others Use	: Used for rheumatoid arthritis, skin cancer, small pox and chicken pox and liver ailments.



Local Name : Chamrendu

Botanical Name : Ampelocissus latifolia

Part Used : Root

Colour achieved : Black

Invasive/Native : Native

Location : Pauri Garhwal

Lat / Long : 30.1471 , 78.7745

Altitude (meter) : 1800-2000

Others Use : Medicinal Use



Local Name	: Velu
Botanical Name	:Agrimonia pilosa
Part used	: Roots
Colour achieved	: Yellow
Invasive/Native	: Native
Location	: Chakrata Tihri Garhwal
Lat / Long	:30.7016 N 77.8696E
Altitude (meter)	: 2200 Meter
Other use	: Medicinal Use



Local Name	: Vashik
Botanical Name	: <i>Adhatoda zeylanica</i>
Part used	: Leaf
Colour achieved	: Yellow/Green
Invasive/Native	: Native
Location	: Dehradun
Lat / Long	: 30.31649N 78.03219E
Altitude (meter)	: 450
Others Use	: Medicinal Use



Local Name	: Latjiri
Botanical Name	: Achyranthes aspera
Part used	: Whole Plants
Colour achieved	: Black /Brown
Invasive/Native	: Native
Location	: Almora & Nainital
Lat / Long	: 29.59N 79.64E 29.38N 79.45E
Altitude (meter)	: 1,642 & 2084
Others Use	: Medicinal Use



Local Name	: Crofton weed
Botanical Name	: Eupatorium adenophorum
Part used	: Leaves and Flowers
Colour achieved	: Brown/Yellow
Invasive/Native	: Native
Location	: Pauri Garhwal
Lat / Long	: 30.1471 , 78.7745
Altitude (meter)	: 1800-2000
Others Use	: Medicinal use.



Local Name	: Gandhali Ghass
Botanical Name	: Ageratum conyzoides
Part used	: Flowers
Colour achieved	: Light greenish
Invasive/Native	: Native
Location	: Pauri Garhwal
Lat / Long	: 30.1471 , 78.7745
Altitude (meter)	: 1800-2000
Others Use	: Medicinal, bio pesticide



Local Name	: Pink Morning Glory
Botanical Name	: Ipomoea Carnea
Part used	: Leaves
Colour achieved	: pinkish-purple / mauve)
Invasive/Native	: Native
Location	: Dehradun
Lat / Long	: 30.31649N 78.03219E
Altitude (meter)	: 450
Others Use	: Medicinal and Fodder



Local Name : Common Cocklebur

Botanical Name : *Xanthium strumarium*

Part used : Leaves

Colour achieved : Yellowish-brown

Invasive/Native : Invasive

Location : Dehradoon

Lat / Long :  
30.31649N 78.03219E

Altitude (meter) : 450

Others Use : Medicinal Use



Local Name	: Siam Weed
Botanical Name	: Chromolaena odorata
Part used	: Leaves
Colour achieved	: Green
Invasive/Native	: Native
Location	: Dehradun & Haridwar
Lat / Long	: 30.31649N 78.03219E
	: 29.9456 N 78.1642 E
Altitude (meter)	: 450 & 250
Others Use	: Medicinal Use



Local Name	: Kamla Tree
Botanical Name	: Mallotus philippensis
Part used	: Fruits
Colour achieved	: Red & Orange
Invasive/Native	: Native
Location	: Dehradun & Nainital
Lat / Long	: 30.31649N 78.03219E :29.38N 79.45E
Altitude (meter)	: 450 & 250
Others Use	: Medicinal Use



Local Name	: Dolu
Botanical Name	:Rheum Emodi
Part used	: Roots
Colour achieved	: Yellow/Brown
Invasive/Native	: Native
Location	:Chamoli
Lat / Long	:30.7280N 79.6050E
Altitude (meter)	: 3500
Others Use	: Medicinal Use

.



Local Name : Kharik

Botanical Name :Celtis australis

Part used : Bark

Colour achieved : Yellow

Invasive/Native : Native

Location : Almora& Nainital

Lat / Long : 29.59N 79.64E  
29.38N 79.45E

Altitude (meter) : 1,642 & 2084

Others Use : Edible, wood and medicinal use



Local Name : Katsemla

Botanical Name : Bischofia javanica

Part used : Bark/seeds

Colour achieved : Black

Invasive/Native : Native

Location : Dehradun

Lat / Long : 30.31649N 78.03219E

Altitude (meter) : 450

Others Use : -



Local Name	: Kunja
Botanical Name	: Artemisia japonica
Part used	: Leaves
Colour achieved	: Brown
Invasive/Native	: Native
Location	: Tehri and Pauri Garhwal
Lat / Long	: 30.293461N,78.524094E : 30.1571 N, 78.7745 E
Altitude (meter)	: 2340 & 2000
Others Use	: Used in traditional medicine for various ailments, including liver disease, inflammation, and digestive issues .



Local Name	: Dhauli
Botanical Name	: Anogeissus latifolius
Part used	: Leaves
Colour achieved	: Black
Invasive/Native	: Native
Location	: Dehradun
Lat / Long	: 30.31649N 78.03219E
Altitude (meter)	: 450
Others Use	: Medicinal and Timber Use



Local Name-	: Ratti (Gunja)
Botanical	:Abrus Precatorius
Part used	: Seeds
Colour achieved	: Black
Invasive/Native	: Native
Location	: Pauri Garhwal
Lat / Long	: 30.1471 , 78.7745
Altitude (meter)	: 1800-2000
Others Use	:Medicinal use.



Local Name	: <i>Stephania glabra</i>
Botanical Name	: <i>Artemisia japonica</i>
:	
Part used	: Roots
Colour achieved	: Brown
Invasive/Native	: Native
Location	: Chamoli
Lat / Long	: 30.7280E 79.6050 E
:	
Altitude (meter)	: 3000-3500
Others Use	:-



Local Name	: Kumbi
Botanical Name	: <i>Careya arborea</i>
Part used	: Bark
Colour achieved	: Tellow
Invasive/Native	: Native
Location	: Dehradoon & Haridwar
Lat / Long	:30.31649 N 78.03219 E & 29.945690N 78.164246 E
Altitude (meter)	: 450 & 250
Other use	: Medinical and Pesticidal.



Local Name	: Kala Basa
Botanical Name	: Chromolaena odorata
Part used	: Leaves
Colour achieved	: Light Yellow
Invasive/Native	: Native
Location	: Tunda , Uttrakhand
Lat / Long	:30.6930 N 78.3541 E
Altitude (meter)	: 1200-1500
Other use	: Medinical use.