

## MEDICINAL PLANTS OF RAJASTHAN IN INDIAN SYSTEM OF MEDICINE

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Received: 3 June, 1995

Accepted: 11 November, 1995

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**ABSTRACT:** Medicinal plants used in Indian system of medicine from Rajasthan state have been surveyed and categorised systematically. The paper deals with 205 medicinal plants, thoroughly indexed along with their important traditional application for the cure of various ailments.

### **Introduction:**

Rajasthan is the third largest and one of the backward state of India. The state is situated in the north-western part of India between 23°3' and 30°12' N latitude and 69°30' and 78°17' E longitude and comprises an area of about 34227 Sq Km. A striking geological feature of Rajasthan state is the Aravalli range which divides the state into two main physiographic regions, the 2/3 sandy arid plain which is unproductive, thar desert and 1/3 eastern fertile region rich in vegetation. About 80% of the population live in villages and tribals of different communities form nearly 50% population of the state. Due to the constant association with the forest environment the tribal have accrued considerable knowledge of the plants and their utility, especially for medicinal purpose. The use of many of the medicinal plants employed by the tribal people are however still not known outside the restricted community.

The importance of gathering informations on medicinal plants of the state is to initiate their proper scientific management and exploitation for economic development of the area, the notable contribution of ethnobotanical interest are those of King

(1869,1870) Duthie (1886), Nathawat and Deshpande (1960), Ganguly and Kaul (1965), Chopra and Abrol (1964), Singh (1964), Gupta et al. (1966) Bhandari (1974, 1977) Gupta and Saxena (1977), Srivastawa (1977), Singh and shetty (1977) and tiwari (1979).

The present paper is an attempt to prepare an index of all the widely used medicinal plants of Rajasthan state which will be helpful for chemists and pharmacologists to undertake for their research on these medicinal plants to explore the prospect of their exploitation on a commercial scale. It is also hoped that the information presented herein will also be useful for a layman, government and other agencies engaged in the economic development of the area.

### **Materials and Methods:**

The information presented herein about the plants and their medicinal value is based on the survey carried out by the authors, experiences of the local inhabitants, practitioners and scattered literature. The plants are indexed in a uniform systematically followed by their local names, family, part used and their medicinal values in consecutive columns.

### Index of medicinal plants of Rajasthan and their medicinal uses

S. No	Botanical name/Local name	Family	Parts used	Traditional uses
1	2	3	4	5
1.	Abutilon indicum Sweet. (Tarakanchi)	Malvaceae	R B L Sd	Uterine haemorrhagic discharges Febrifuge, Anthelmintic, Diuretic, Alexiteric. Toothache, Lumbago, Piles. Chest troubles, Bronchitis Piles, Gonorrhoea.
2.	Abutilon hirtum Lam (Barkhang)	Malvaceae		Same as A. indicum
3.	Acacia nilotica Linn (Babool)	Mimosaceae	B Gm Th Pd	Astringent, Demulcent Asthma, Diarrhoea, Dysentery, Diabetes. Joint pain, Heavy sweating. Sexual impotency, Urino-genital disorders
4.	Acacia Senegal willd (Kumbat)	Mimosaceae	Gm	Demulcent, Emollient, Inflammation, Haemorrhage, Intestinal mucous, Food for diabetes.
5.	Acalypha indica Linn (Khokali)	Euphorbiaceae	F1 WP R	Infection of Eyes. Expectorant, Diuretic, Bronchitis asthma Pneumonia, Anthel mintic, Rheumatism, Purgative. Cathartic.
6.	Achyranthus aspera Linn (Andhi- jaro)	Amaranthaceae	L WP	Laxative, skin diseases. Astringent Laxative Dropsy, Piles, Eruption, Colic, Gonorrhoea.
7.	Adhatoda zeylanica Need (Adusa)	Acanthaceae	Sd R L Fl WP	Emetic, Dysentery. Diuretic bronchitis, Asthma, sore. Emmenagogue, Gonorrhoea. Blood circulation Jaundice Leprosy Heart troubles, Loss of memory, Leucoderma, Tumors.
8.	Aegle marmelos Corr. (Bel)	Rutaceae	R L	Abdominal Pain, Heart palpitation, Urinary troubles, Hypochondriasis Laxative, Febrifuge, ophthalmia, Deafness.

9.	<i>Aerva lanata</i> Juss. (Gorkha-bundi)	Amarathaceae	Fr WP R	Appetizer Dysentery, Heart tonic. Diuretic. Demulcent, Diuretic.
10.	<i>Agave americana</i> Linn (Gwar- patha)	Agavaceae	R L G	Diuretic, Diaphoretic, Antisyphilitic Resolvent, Alterative in Syphilis Purgative, Laxative, Emmenagogue, scrofula and Cancer.
11.	<i>Ailanthus excelsa</i> Roxb (Arru)	Simaroubaceae	B	Toothache Appetizer, Anthelmintic Febri fuge, Antispasmodic, Diarrhoea, Dysentry, chronic bronchitis rectal problems.
12.	<i>Alhaqi pseudalhaqi</i> Desv. (Jawasa)	Fabaceae	WP F1 L0	Laxative, Diuretic, Expectorant Piles
13.	<i>Aloe vera</i> Linn (Gheeganwar)	Liliaceae	WP	Rheumatism. Anthelmintic, Aphrodisiac, Purgative, Alexiteric, Ophthalmia, Jaundice, Asthma, Ulcer Leprosy.
14.	<i>Alternanthera sessilis</i> Linn (Bhaji)	Amarathaceae	WP	Lactagogue, Febrifuge, Eye wash, Galactagogue.
15.	<i>Amaranthus gangeticus</i> Dysentery Linn (Lalnatiya)	Amaranthaceae	WP L	Menorrhagia, Diarrhoea, Haemorrhages from the bowels Antipyretic, Expectorant emetic Emmenagogue, bilious ness jaundice.
16.	<i>Amaranthus paniculatus</i> Linn. (Chuamarsa)	Amaranthaceae	WP L	Diuretic, Blood purifier, piles
17.	<i>Amaranthus spinosus</i> Linn (Rajgira)	Amaranthaceae	WP R L	Soporific, Narcotic, Appetizer Alexiteric, Digestive, Diuretic, Antipyretic, piles biliousness, Leucorrhoea, Hallucination, blood diseases, Leprosy Bronchitis. Expectorant, Gonorrhoea Axima.
18.	<i>Amaranthus viridis</i> Linn	Amaranthaceae	L	Laxative.

	(Jangalichauli)			
19.	Anagallis arvensis Linn (Neel)	Primulaceae	WP	Emollient, Laxative.
20.	Andrographis paniculata Nees. (Kalmegh)	Acanthaceae	WP R L	Inflammation, Diseases of liver & Kidney, Epilepsy, Ophthalmia, cerebral problem.  Debility, Dysentery, Dyspepsia, Febrifuge, Stomachic, Tonic Alternative, Athelmintic
21.	Anisochilus carnosus wall. (Panjiri)	Labiatae	WP L	Stimulant, Expectorant. Cynanche, Liniment of head.
22.	Anisomeles malabarica R.Br. (Oshthaphala)	Labiatae	L	Intermittent fever, colic, bowel, Dyspepsia, catarrhal affections.
23.	Argemome mexicana Linn. (Satyanasi)	Nelumbonaceae	WP	Diuretic, Purgative, Aphrodisiac, strangury, Leucoderma.
24.	Aristolochia indica Linn (Hooka – bel)	Aristolociaceae	R Sd	Stimulant, Emmenagogue, Tonic. Inflammation, Biliousness, Joint pain, Dry cough, Dyspepsia.
25.	A. bracteolate Retz. (Kiramar)	Aristolociaceae	WP	Anthelmintic, Purgative, fever, Joint Pain.
26.	Asparagus racemosus Wild. (Satawari)	Liliaceae	R	Aphrodisiac, Laxative, Expectorant, Galactagogue, Tubercu losis, Leprosy Epilepsy, Night blindness, Diseases of kidney liver, blood , eye & throat.
27.	Azadirachta indica A. Juss, (Neem)	Meliaceae	B  L  F1	Anthelmintic, Maturant, Diure tic, Blood & Skin disease, Leprosy Anthelmintic, Alexiteric, Ulcers, Insecticidal, Ophthalmia, Biliousness. Anthelmintic.
28.	Bacopa monnieri	Araceae	WP  L	Nerve tonic, Memory promoter, Epilepsy, Insanity. Asthma, Nerve breakdown.

29.	Balanities aegyptiaca Del. (Hingoto)	Balanitaceae	R B Sd	Anthelmintic, alexipharmic, antidysentric, Analgesic, Leucoderma, Ulcers, Skin diseases. Purgative, Anthelmintic. Colic
30.	Baliospermum montanum Muell (Danti)	Euphorbiaceae	R Sd SO L	Purgative, Anthelmintic, Diuretic, Alexiteric, skin disease, Anaemia, Piles, Leucoderma, Jaundice. Purgative, stimulant, Rubefacient. Hydragogue, Cathartic, Rheuma tism Asthma.
31.	Barleria prionitis Wight. Kala-Bans) White flower variety red flower variety	Acathaceae	WP WP	Alexiteric, Bronchitis, Blood Complaints, Leucoderma. Appetizer, Pruritus, Blood & skin disease, Inflammation.
32.	Barleria cristata wight (Raktajhinti)	Acanthaceae	WP	Inflammation, Fever, Bronchitis Biliousness, Tympanitis
33.	Basella rubra Linn (Bonpoi)	Basellaceae	WP L	Aphrodisiac, Antipyretic, Narcotic, Improves voice Maturant, Demulcent, Diuretic, Gonorrhoea, Balanitis.
34.	Bauhinia racemosa Lam (seta- Jhira)	Caesalpiniaceae	B& L	Antipyretic, Alexipharmic, Fistula, Diarrhoea, Dysentery, skin & Blood diseases, stomach worms
35.	Berberis asiatica Roxb. (Daruhaldi)	Menispermaceae	R WP	Ulcer, Urethral discharge, diseases of eye, ear Skin, Leucorrhoea, Ophthalmia, Jaundice. Snake bite, Scorpion sting
36.	Boerhavia diffusa Linn, (Punarnava) Red flower variety Dark Flower variety	Nyctaginaceae	WP WP L Sd R	Astringent, Biliousness, Anaemia, Leucorrhoea, Inflammation, Blood purifier Alternative, Inflammation, Anaemia, Heart troubles Asthma Dyspepsia, Tumors, Spleen diseases, Alexiteric, Appetizer, Ophthalmia. Expectorant, Carminative, Tonic, Lumbago, Ascaris. Diuretic, Emetic, Expectorant, Liver complaints.
37.	Bombax ceiba Linn	Bombacaceae	R	Demulcent, Expectorant,

	(Kantisembal)			Aphrodisiac, Biliousness, Blood purifier
38.	Boswellia serrata Roxb (Salar)	Burseraceae	B Fr Gm	Biliousness, Dysentery, Skin diseases, Ulcer, Blood purifier. Leucoderma, Piles Antipyretic, skin & Blood diseases, Vaginal discharge, diabetes, Bronchitis
39.	Brassica campestris Linn (sarson)	Brassicaceae	WP SP	Cholagogue, Vermifuge, Leucoderma, Piles, Ulcer, Epilepsy, Toothache. Rheumatism.
40.	Bridelia retusa Spring. (Gauli)	Euphorbiaceae	WP B	Lumbago, Haemiplegia Rheumatism, Urinary troubles.
41.	Buchanania linsang Spring. (Chiraunji)	Anacardiaceae	R L Fr Sd	Biliousness, Blood diseases. Expectorant, Blood purifier. Laxative, Aphrodisiac, Ulcers. Cardiac tonic.
42.	Butea monosperma Lam (Palas)	Papilionaceae.	R B L F1 Fr	Night blindness, Elephantiasis. Aphrodisiac, Laxative, Dysentery, Stomach worms, Piles, Hydrocele. Eye diseases. Leprosy, Strangury, Gout, Skin disease. Diuretic, Anthelmintic, Piles.
43.	Cadaba fruticosa Druce. (Dabi)	Capparaceae	L&R	Anthelmintic, Emmenagogue, Antiseptic, Purgative, Urinary obstruction.
44.	Calotropis procera R.Br. (Madar)	Asclepiadaceae	R L F1	Toothache. Stomachic. Appetiser, Piles, Asthma, Tonic.
45.	Cannabis sativa Linn (Bhang)	Cannabaceae	B L F1 Sd	Hydrocele Alternative, Antidiarrhoeal, Intoxicant, Hallucination, Leprosy. Stomachic, Abortifacient, Soporific, Anti convulsant. Carminative, Aphrodisiac.

46.	Canscora decussate Roxb. (Kalameg)	Gentianaceae	WP	Epilepsy, Nervine debility, Nerve tonic
47.	Capparis deciduas Edgew. (Ker)	Capparaceae	WP B Fr	Carminative, Aphrodisiac, Appetisor, Emmenagogue, alexipharmic, Lumbago Rheumatism, Hiccup. Analgesic. Diaphoretic Alexiteric, Laxative, anthelmintic, Ulcer, Cough, Asthma, Piles. Biliousness, Cardiac troubles.
48.	Capparis spinosa Linn (Kabar)	Capparaceae	RB	Emmenagogue, Anthlmintic, Diuretic, Expectorant, analge sic, Rheumatism, Paralysis, Toothache.
49.	Caralluma edulis benth. (Pimpa)	Asclepiadaceae	WP	Anthelminitic, Leprosy, Blood diseases.
50.	Cardiospermum halicacabum Linn (Chirphuta)	Sapindaceae	R L	Diaphoretic, Diuretic, Gonorrhoea. Rheumatism, Lumbago, Emmenagogue
51.	Caropegia bulbosa Roxb. (Khapparkada)	Asclepiadaceae	Tub	Digestive tonic.
52.	Cassia fistula Linn. (Amaltas)	Caesalpiniaceae	R L Fl Fr Sd	Syphilis, Leprosy, Skin diseases Laxative, Antiperiodic, Rheumatism Antipyretic, Leprosy Purgative, Antipyretic, Leprosy, Heart diseases. Carminative, Appetizer.
53.	Cassia occidentalis Linn (Anwal)	Caesalpiniaceae	R B L Fl Sd	Skin diseases. Astringent. Anthelmintic. Diabetes and urinary disorders Ophthalmia, Conjunctivitis.
54.	Cassytha filiformis Linn (Amebel)	Lauraceae	WP	Alternative, Diuretic, Dysentry, Ulcer, Tonic, Gonorrhoea, Rick ets, Leucorrhoea.
55.	Catharanthus roseus G.Don. (Sadabhar)	Apocynaceae	R	Hypotensive, sedative,

56.	Celosia argentea Linn (Surli Garke)	Amaranthaceae	L	Tranquillizer, Anti-biabetic, Anti-cancer.
			L	Menorrhagia
			S	Antipyretic, Aphrodisiac, Liver tonic, Gonorrhoea. Aphrodisiac, Diarrhoea, Pulmonary & blood disease.
57.	Ceratophyllum demersum Linn (Jal-Butti)	Ceratophyllaceae	WP	Laxative, Antipyretic, Disease, of blood, Ulcers Bilioussness.
58.	Chenopodium album Linn (Bathua)	Chenopodiaceae	WP	Appetizer, Anthelmintic, Diuretic, Laxative, Aphrodisiac, Abdominal pain, Eye disease, Piles, Tonic, disease of Blood, Heart & spleen.
59.	C. ambrosioides Linn (Mexican Tea)	Chenodiaceae	WP	Carminative, Emmenagogue, Pectoral complaints, Amenorrhoea, nervous affections, Anthelmintic.
60.	Chlorophytum tuberosum Roxb. (Safed Musali)	Liliaceae	Fr	
			R	Tonic
61.	Chrozophora rotteri A.Juss. (Shadevi)	Eurobiaceae	WP	
62.	Cissampelos pareira Linn (Akauadi)	Menispermaceae	S	Emetic, Corosive, Drastic Cathartic.
			R	Diuretic, Emmenagogue, Dyspepsia, Diarrhoea, Dropsy, Cough.
63.	Cleome gynandra Vahl. (Karalia)	Cleomaceae	Sd	
			L	Anthelmintic, cough, sores. Rubefacient, Vasicant, Muscular Pain, Rheumatism, Intermittent fever, Headache, Intestinal worm.
64.	Cleome gynandra Linn. (Handi-Bagro)	Cleomaceae	WP	Laxative, Anthelmintic, Diuretic.
			L	Ulcer, Leprosy.
			Sd	Malaria, Piles, Lumbago Anthelmintic, Carminative.
65.	Citrullus colocynthis schrad. (Tumba)	Cucurbitaceae	R	
			Fr	Purgative, Jaundice, Rheumatism, Urinary disease.



66.	Clerodendron phlomidis Linn (Arni)	Verbenaceae	R  L	Drastic, Hydragogue, Cathartic, Stomachic.  Laxative, Alexipharmic, Anaemia, Diabetics, Chyluria, Bronchitis, Dyspepsia, Inflammation, Piles. Piles, Tumors.
67.	Clitoria ternatea Linn (Gokari)	Papilionaceae	R  Sd	Laxative, Diuretic, Alexiteric, Anthelmintic, Brain tonic, Corneal ulcer, Elephantiasis, Leucoderma. Purgative, Cathartic
68.	Cocculus hirsutus Diels. (Chhireta)	Menispermaceae	R  L	Alexipharmic, Antipyretic, Laxative, Soporific, Venereal pains. Gonorrhoea.
69.	Commelina oblique Buch. Ham (Kanjuna)	Commelinaceae	R	Vertigo, Laxative, Bilioussness, Fever.
70.	C. benghalensis Linn (Bukana)	Commelinaceae	WP	Emollient, Leprosy.
71.	Commiphora wightii Arn (Guggal)	Burseraceae	Gm	Laxative, Aphrodisiac, Alternative, Anthelmintic, Bilioussness, Ulcers, Fistula, Piles, Urinary troubles, Asthma, Tumours, Leucoderma.
72.	Cordia oblique willd. (Bhairala)	Ehretiaceae	Fr  Sd	Anthelmintic, Expectorant, Lungs & Spleen diseases, Bilioussness. Ring worm.
73.	Corchorus olitorius Linn (Chamghas)	Tiliaceae	L	Alternative, Alexiteric, Diuretic, Tumours, Gonorrhoea, Cystitis Dysuria.
74.	Corchorus capsularis Linn. (Narcha)	Tiliaceae	L	Laxative, Appetizer, anthelmintic, Antiperiodic Carminative, Dyspepsia, Catarrh.
75.	Cordia gharaf Hook. (Godela)	Ehretiaceae	B Fr	Astringent, Headache Constipation, Stomach worms, Piled, Toothache.
76.	Cressa cretica Linn (Lana)	Convolvulaceae	Wp  L	Aphrodisiac, stomachic, Asthma, diuretic, Leprosy, Bilioussness.

77.	Crinum defixum Ker-Gawl (Jal-Kanda)	Amaryllidaceae	B L	Appetizer, Tonic. Emollient, Emetic, Diaphoretic. Otitis.
78.	Crotalaria burhia Buch (Shinyo)	Leguminoceae	WP L	Gout, Hydrophobia, Swelling. Cooling medicine.
79.	Cryptolepis buchananii Roem. (Karmata-ki-bel)	Periplocaceae	WP	Rickets.
80.	Curculigo orchioides Gaertn. (Kali-musli)	Hypoxidaceae	R  Rh	Carminative, Antipyretic, Tonic, Aphrodisiac, Bronchitis, Lumbago, Ophthalmia, Diarrhoea, Dyspepsia Gonorrhoea, Hydrophobia. Diuretic, Aphrodisiac, Jaundice, Gonorrhoea, Asthma, Piles, Colic.
81.	Cuscuta reflexa Roxb. (Akash –bel)	Cuscuta reflexa Roxb. (Akash-bel)	WP Sd	Aphrodisiac, Diuretic, Paralysis, Heart & Spleen Disease, Lumbago Emmenagogue, Sedative, Biliousness.
82.	Cynodon dactylon Pers. (Dub)	Poaceae	WP	Astringent, Diuretic, Dropsy.
83.	Datura metal Auct. (Dhatura)	Solanaceae	R& L Sd	Insanity, Catarrhal and cerebral Complaints, Skin diseases. Elephantiasis, Mad dog bite, Ear discharge, Indigestion.
84.	Datura stramonium Linn (Dhatura)	Solanaceae	L Sd Fr	Antispasmodic, Narcotic Asthma, Anodyne Sedative, Intoxicant, Carbuncles.
85.	Desmodium gangeticum Willd. (Karati)	Papilionaceae	R	Alternative, Aphrodisiac, Diuretic, Anthelmintic, Fevers, Typhoid, Dysentry, Piles, Asthma.
86.	Dicoma tomentosa cass. (Vajradanti)	Asteraceae	R WP	Pyorrhoea and dental problems Febrifuge, febrile attacks.
87.	Digera Muricata Forsk (Khanjuru)	Amaranthaceae	WP Sd	Astringent, Laxative, Biliousness. Urinary discharge
88.	Diospyros melanoxylon	Ebenaceae	B	

	Roxb (Timru)		L F1 Fr WP	Diarrhoea, Dyspepsia. Ophthalmia, Trichiasis. Aphrodisiac, Leucorrhoea, Night blindness, spleen enlargement. Digestive, Carminative, Biliousness. Alternative, Diuretic, Nerve tonic, Hysteria, Dyspepsia, Ophthalmia, Cough, Scrofula, Seminal debility.
89.	Echinops echinatus Roxb. (Unt-Kanta)	Asteraceae	WP	
90.	Eclipta alba Linn (Bhangro)	Asteraceae	R WP	Emetic, Purgative, Antiseptic Tonic, Hepatic & Spleen enlargement, Jaundice, Catarrh, Skin diseases.
91.	Ehretia aspera willd. (Tombolan)	Ehretiaceae	Fr	Venereal diseases.
92.	Enicostema hyssopifolium willd. (Chota-chirayata)	Gentianaceae	WP Sd	Dropsy, Pneumatism, Abdominal Ulcer, Hernia, Swellings, Itches, Malaria. Aphrodisiac.
93.	Eruca sativa Mill (Taramira)	Brassicaceae	L Sd	Stimulant, stomachic, Diuretic, Antiscarbutic. Aphrodisiac.
94.	Euphorbia caduaifolia Linn (Thor)	Euphorbiaceae	WP	Carminative, Laxative, Appetizer, Alexipharmic, Bronchitis, Tumours, Delirium, Leucoderma, Piles, Spleen enlargement, Anemia, Ulcers Fever, Leucoderma.
95.	Euphorbia hirta Linn (Dudhali)	Euphorbiaceae	L	Dysentry, Diarrhoea, Leucorrhoea, Menorrhagia.
96.	Evolvulus alsinoides Linn (Shyama Kanta)	Convolvulaceae	L	Bronchitis, Asthma, Fever Diarrhoea, Tonic
97.	Exacum lawii Clark in Hook	Gentianaceae	WP	Kidney disorders & Eye diseases.
98.	Fagonia cretica Linn (Jawasio)	Zygophyllaceae	WP	Astringent, Febrifuge, Tonic, Small pox, Dropsy, delirium, Asthma, Cough, Fever.
99.	Farsetia hamiltoni Royle.	Brassicaceae	WP	

	(Hiran- chanbba)			Rheumatism, Cooling.
100	Feronia elephantum curr.(Kaitha)	Rutaceae	L Sd Fr	Hiccough, Dysentery. Alexiteric, Heart diseases. Aphrodisiac, Alexipharmic, Heart complaints, Dysentery, Leucorrhoea, Ophthalmia, Billiousness.
101	Ficus benghalensis Linn (Bargad)	Moraceae	WP  R  B L Sd	Biliousness, Ulcer, Erysepelas, Veginal complaints, Fevers. Gonorrhoea, syphilis, Liver troubles. Diabetes. Ulcer, Leprosy, Piles Cooling, Tonic.
102	Ficus glomerata Roxb. (Gular)	Moraceae	R B Fr	Hydrophobia Galactagogue, Asthma, piles. Asrtingent, Diuretic, Biliousness, Leucorrhoea, Menorrhagia, Leprosy, Bronchitis, Dry cough, disease of blood, spleen and kidney.
103	Ficus religiosa Linn (Peepal)	Moraceae	WP  R RB Fr  Sd	Leucorrhoea, Biliousness, Ulcer, Diseases of vagina and uterus. Gout. Stomatitis, Ulcer, Leucorrhoea. Alexipharmic, Biliousness, Diseases of blood and heart. Urinary discharge.
104	Ficus retusa Linn (Kamrup)	Moraceae	WP	Leucorrhoea, Burning sensation, Ulcer, Leprosy, Biliousness.
105	Flacourtia indica Merrill. (Kanju)	Flacoutiaceae	Fr	Appetizer, jaundice, spleen enlargement.
106	Fumaria indica Haussk. (Pitpapra)	Fumariaceae	WP	Leucorrhoea, Burning sensation, Ulcer, Leprosy, Biliousness.
107	Gloriosa superba Linn (Kaligari)	Liliaceae	R Tu	Bowel complaints. Anthelmintic, Laxative, Alexiteric, Abortifacient, Ulcer, Leprosy, Piles.
108	Gmelina arborea Roxb (Gamari)	Verbenaceae	R	Anthelmintic, Stomachic,

			L	Hallucination, Fever, Piles. Demulcent, Wormicidal, Gonorrhoea, Foetid discharge, Cough.
			F1	
			Fr	Leprosy, Blood diseases. Aphrodisiac, Alterative, Diuretic, Hair tonic, Cooling, Anaemia, ulcer Vaginal discharge, Leprosy.
109	Gymnema syvestre Retz. (Medha-singi)	Asclepiadaceae	WP	
			Fr	Anthelmintic, Alexiteric, Heart & Eye troubles, Leucoderma, Asthma, Bronchitis, Ulcers. Stomachic urinary diseases.
110	Heliotropium brevifolium Wall. (Chittiphul)	Borajinaceae	WP	Laxative, Diuretic.
111	Heliotropium indicum Wall. (Hattajurie)	Borajinaceae	L	
			F1	Anti-abortionificent, Diuretic, Inflammation, Gonorrhoea, Anaemia, Ulcer. Menorrhagia
112	Heliotropium Strigosum Willd. (Arkali)	Borajinaceae	WP	Laxative, Diuretic
113	Hemidesmus indicus R.Br. (Dudhli)	Periplocaceae	R	
			Sd	Antipyretic, Antidiarrhoeal, Diuretic, Aphrodisiac, Leprosy Bronchitis, Diseases of Blood Diaphoretic, Syphilis, Leucoderma, Diseases of brain Liver & kidney
114	Hoppea dichotoma Heyne. (Ramjetta)	Gentianaceae	R	Piles, Snake bites
115	Ichnocarpus frutescens R.Br.(Kali-dudhi)	Apocynaceae	R	Aphrodisiac, Biliouness, Blood diseases, fever, tonic.
116	Indigofera oblongifolia Forssk. Khuara)	Papilionaceae	R	
			WP	Appetizer, Rheumatism. Spleen and Liver Problems.
117	Indigofera tinctoria wight. (Neel)	Papilionaceae	R	
			WP	Laxative, Expectorant, Alexipharmic, Anthelmintic Leucoderma, Abdominal complaints, Heart disease Bronchitis, Asthma, Piles,

118	<i>Ipomea hederacea</i> Jacq. (Kirpan-beli)	Convolvulaceae	Sd	Lumbago, Ulcers, Leucoderma  Laxative, Carminative, Fever Abdominal & Liver troubles Leucoderma.
119	<i>Jatropha curcas</i> Linn (Jamalgota)	Euphorbiaceae	R W L Sd So	Emetic, Purgative. Antidiarrhoeal Lactagogue Diuretic, Biliusness, Anaemia. Fistula, Heart disease. Rheumatism, Herpes, Pruritus.
120	<i>J. gossypifolia</i> Linn (Ratanjoti)	Euphorbiaceae	B L Sd	Emmenagogue. Eczema, Carbuncles, Itches. Emetic, Insanity, Purgative.
121	<i>Justica procumbens</i> Linn (Kagner)	Acanthaceae	WP  L	Biliousness, Intoxication, fever, Diuretic, Enriches blood, Leprosy. Mental & Blood diseases.
122	<i>Justica gendarussa</i> Burm. (Nilinargudi)	Acanthaceae	WP  L LO	Bronchitis, Vaginal discharges, Dyspepsia, Tympanitis, Ophthalmia. Diaphoretic, Rheumatism. Eczema, Cephalagia, Paralysis.
123	<i>Kochia indica</i> wight (Bui)	Chenopodiaceae	WP	Cardiac Stimulant.
124	<i>Lantana aculeate</i> Linn (Ghanidalia)	Verbenaceae	WP	Diaphoretic, Carminative, Antispasmodic, Rheumatism, Malaria.
125	<i>Leptadenia reticulata</i> Wightz & Arm (Jhumka)	Asclepiadaceae	WP	Stimulant, Tonic.
126	<i>Leucas aspera</i> Spring. (Chota-halkusar)	Labiatae	L	Chronic rheumatism, Psoriasis.
127	<i>Leucas cephalotes</i> Spring (Vdapata)	Labiatae	WP  L	Diaphoretic, Stimulant, Laxative, Bronchitis, Jaundice, Dyspepsia, Paralysis, Leucoderma. Urinary discharge, Fever.
128	<i>Limnophila indica</i> R.Br (Gulabi)	Scrophulariaceae	WP	Antiseptic, Pestilent, Fever.

129	Linum usitatissimum Linn (Alsi)	Linaceae	Sd  F1 B&L	Aphrodisiac, Diuretic, Bilioussness, Backache, Leprosy, Ulcers, Kidney troubles, Galactagogue, Emmenagogue. Tonic for Heart & Brain. Gonorrhoea
130	Lycium barbarum Linn (Morali)	Solanaceae	WP	Emmenagogue, Piles, Ascaris, Ascites, Ophthalmia, Toothache,
131	Mallotus philippensis Muell. (Senduria)	Euphorbiaceae	L  Fr	Alexiteric, Purgative, Carminative, Anthelmintic, Bronchitis, Ulcers, Bladder stone. Vermifuge, Cathartic, Rheumatism.
132	Malva parviflora Linn (Khubasi)	Malvaceae	L  Sd	Nerve tonic, Profuse menstruation, Wounds and Swellings) Demulcent in Cough, Bladder Ulcer.
133	Martynia annua Linn (Bill)	Martyniaceae	L Fr	Epilepsy, Tuberculus gland of neck. Alexiteric, Inflammation, Ulcer
134	Melia azadarach Linn (Bakain)	Meliaceae	R  L&S	Anthelmintic, Bilioussness, tumors Heart pain, Leucoderma, Ulcer, Lung complaints, Blood purifier. Spleen & Heart complaints dental problems Rheumatism.
135	Merremia tridentate Hallier. (Prasarini)	Convolvulacea	WP	Laxative, Tonic, Rheumatism, Piles, Urinary disorders.
136	Michelia champaca Linn (Naglichampa)	Magnoliaceae	R B F1	Emmenagogue, Purgative. Diuretic, Diaphoretic, Aphrodisiac, Blood diseases. Cephalgia, Ophthalmia, Gout.
137	Mirabilis jalapa Linn (Gul-abbas)	Nyctaginaceae	R L	Aphrodisiac, Purgative, syphilis Anti-inflammatory, Maturant.
138	Moringa oleifera Lam (Sanjna)	Moringaceae	RB  L F1 Fr	Aphordisiac, Alexiteric, Analgesic, anthelminitic Ulcers heart troubles., Ophthalmia, Hallucination Muscular & spleen siseases

139	Nelumbo nucifera Gaerth. (Kamlani)	Nelumbonaceae	Sd R S L Sd	Leucoderma, Tumours Eye diseases, Heart complaints.  Biliousness, Cough Leucoderma, Small pox Strangury, Blood diseases, Leprosy. Strangury, Piles, Leprosy. Aphrodisiac, Sedative to the pregnant, Uterus, Diarrhoea, Dysentery, Leprosy.
140	Nyctanthes arbortristis Linn (Harsingar)	Oleaceae	B L F1 Sd	Bronchitis Rheumatism, Fever Inflammation Piles, Skin Diseases
141	Ocimum basilicum Linn (Tulsi)	Labiatae	WP  R F1 Sd	Anthelmintic, Alexipharmic, Anti- pyretic diseases of heart & Blood Diuretic Biliousness, Leucoderma. Bowel complaints. Stimulant, Diuretic. Gonorrhoea, Diarrhoea, Dysentery.
142	Ocimum canum Sims. (Bapchi)	Labiatae	L Sd	Fever, Parasitic diseases. Expectorant, Anticaterrhal, Nasal haemorrhage, Antireumatism.
143	Operculina turpethum Silva. (Nisoth)	Convolvulaceae	R	Antipyretic, Alexiteric Constipation, Leucoderma, Anemia, Jaundice, Paralysis, Joint pain, Ophthalmia.
144	Oroxylum indicum Bent (Adhvantashatrava)	Bignoniaceae	RB Fr	Astringent, Aphrodisiac, Tonic, Biliousness, Bronchitis, Worms. Anthelmintic, Stomachic, Piles Leucoderma, Heart diseases.
145	Oxalis corniculata Linn (Kharto)	Oxalidaceae	WP	Appetizer, Dysentery, Diarrhoea, piles, skin diseases.
146	Oxystelma esculanta R.Br (Dudhialak)	Asclepiadaceae	WP Fr R	Diuretic, Laxative, Aphrodisiac, Leucoderma, Bronchitis. Expectorant, Anthelmintic Leucoderma, Gonorrhoea, Jaundice.



147	<i>Pedaliium murex</i> Linn (Baragokhru)	Pedaliaceae	R L Fr	Antibiliousness. Gonorrhea, Dysuria. Antispasmodic, Aphrodisiac, Diuretic, Demulcent, Emmenagogue.
148	<i>Peganum Harmala</i> Linn (Harmal)	Zygophyllaceae	WP Sd	Emmenagogue, Galactagogue Expectorant, Anthelmintic, Lumbago Urinary troubles, Ophthalmia, Rheumatism, Bronchitis.
149	<i>Pentratropis spirali</i> Dence. (Kauathodi)	Asclepiadaceae	WP R	Leucoderma, Biliousness, Piles, Cough, Inflammation. Astringent, Gonorrhoea.
150	<i>Pergularia daemia</i> Forsk.(Gadaria-ki-bel)	Asclepiadaceae	WP	Anthelmintic.
151	<i>Periploca aphylla</i> Dence. (Barri)	Periplocaceae	WP B	Tumours, Swellings Purgative.
152	<i>Phyllanthus emblica</i> Linn (Aonla)	Euphorbiaceae	Fr L Sd	Carminative, Cooling Alternative, Alexiteric Ulcer, Bladder stone, Bronchitis Ophthalmia Aphrodisiac, Antipyretic, Asthma, Biliousness, Leucorrhoea.
153	<i>P. maderaspatensis</i> Linn (Hizarmani)	Euphorbiaceae	L Sd	Expectorant, Diaphoretic Carminative, Laxative, Diuretic Bronchitis, Earache, Ophthalmia, Liver tonic
154	<i>Phyllanthus niruri</i> Linn(Bhonyaabali)	Euphorbiaceae	WP Fr R	Stomachic, Dysentery, Dropsy. Ulcer, Wounds, Ringworm Jaundice.
155	<i>Phyllanthus simplex</i> Retz. (Gujarat-bawal)	Euphorbiaceae	WP	Gonorrhoea
156	<i>Physalis peruviana</i> Linn (Baripopatan)	Solanaceae	WP	Diuretic
157	<i>Plantago ovata</i> Forsk (Isabgol)	Plantaginaceae	Sd	Astringent, Tonic, Biliousness, Cough, Dysentery, Leprosy.

158	Plumbago zeylanica Linn (Chitrak)	Pumbaginaceae	RB	Dysentery, Leucoderma, Piles, Inflammation, Rheumatism Bronchitis, Anaemia Liver & Intestinal complaints.
159	Polycarpea corymbosa Lam (Dholphuli)	Caryophyllaceae	WP	Strangury, Urinary Calculi, Ulcer.
160	Polycarpea Corymbosa Lam (Pani-ki-mirch)	Polygonaceae	WP R	Stimulant, Diuretic Emmenagogue, Menstrual obstruction, Amenorrhoea. Stimulant.
161	Portulaca oleracea Linn (Lunkha)	Portulacaceae	L	Alexipharmic, Laxative, Diarrhoea, Asthma, Ulcer, Dysentery, Leprosy, Piles, Kidney & Spleen Diseases.
162	Portulaca quadriofoida Lin (Lunki)	Portulacaceae	WP	Alternative, Laxative, Asthma, Cough, Urinary discharge, Ulcers Eye & Skin diseases, Ulcers.
163	Prosopis cineraria Macbr. (Khejri)	Mimosaceae	B Pd	Rheumatism Astringent.
164	Psoralea corylifolia Linn (Bavchi)	Papilionaceae	R L Fr	Dental diseases Diarrhoea Diuretic, Leprosy, Skin diseases, Asthma, Bronchitis, Piles.
165	Revea ornate Choisy. (Aprajeeta)	Convolvulaceae	WP	Biliousness, Bronchitis, Heart diseases.
166	Ricinus communis Linn (Arand)	Ephorbiaceae	R  B L Sd So	Carminative, Asthma, Bronchitis, Leprosy, Rectal disease, Fever.  Purgative, alternative, Skin diseases. Galactagogue Cathartic, Aphrodisiac Aphrodisiac, Anthelmintic, Tumours
167	Ricinus fraternus webs (Kanocha)	Euphorbiaceae	WP R L	Diuretic, Dropsy, Gonorrhoea, sores, genitor-urinary diseases. Jaundice, Indigestion. Stomachic, Swellings, Ulcers.

168	Rotula aquatica Loue. (Pashanabheda)	Ehretiaceae	R	Piles, Bladder stone, Veneral diseases.
169	Rumex nepalensis spreng (Palak)	Polygonaceae	L	Colic, syphilitic ulcers Billiharziasis.
170	Salvadora oleoides Dence (Mitho-jal)	Salvadoraceae	RB L Fr	Vesicant Purgative. Laxative, Carminative, Bronchitis, spleen enlargement, Piles.
171	Salvadora persica Dence.(Kharo-jal)	Salvadoraceae	L  Fr	Astringent, Anthelmintic, Diuretic, Analgesic, Liver tonic.  Aphrodisiac, Alexiteric, Appetizer, Biliousness.
172	Salvia aegyptiaca Linn (Tukham malanga)	Labiatae	WP S	Diseases of eye. Diarrhoea, Gonorrhoea, Haemorrhage.
173	Santalum album Linn. (Chandan)	Santalaceae	W  S0	Alexiteric, cooling Antipyretic, Exhilarating, Aphrodisiac, Heart diseases, Biliousness, bronchitis, Leucorrhoea, Small Pox, Diuretic Heart & Brain tonic Gonorrhoea. Skin diseases.
174	Sapindus trifoliatus Linn (Ritha)	Sapindaceae	R  L	Diaphoretic, Diuretic, Emetic, Gonorrhoea. Rheumatism, Lumbago, Emmenagogue.
175	Schrebera swietenoides Roxb. (Mokha)	Oleaceae	R L	Leprosy Anthelmintic, Diuretic, Appetizer, Spleen & anal troubles, Anaemia, Leprosy.
176	Scopana dulcis Linn (Sweet Broomweed)	Scrophulariaceae	WP R	Emollient, Astringent, Emetic, Mennorrhagia, Excessive menstruation.
177	Sesamum indicum Linn (Til)	Pedaliaceae	R  Sd	Aphrodisiac, Spleen troubles, Piles bleeding Menorrhoea Diuretic, Diaphoretic, Cooling Hair

			S0	growth, Diarrhoea, Ulcers Dry cough, Asthma, Lungs diseases, Small pox, syphilis, Ulcers.
178	Sida acuta Burm. (Bal)	Malvaceae	R L	Aphrodisiac, Demulcent in Gonorrhoea, Astringent, Nervous & Urinary trouble Anthelmintic
179	Sida cordifolia Linn (Bariar)	Malvaceae	R B Fr	Emollient, Aphrodisiac Urinary troubles Digestive, Aphrodisiac, Cooling Blood diseases, Bleeding piles, Diseases of throat, Insanity.
180	Sida rhombifolia Linn (Bariara)	Malvaceae	R& L	Aphrodisiac, Tonic Urinary troubles Strangury, Heart diseases, Piles, Rheumatism.
181	Sida spinosa Linn(kantiobal)	Malvaceae	R L Fr	General tonic, Diaphoretic, Fever, Mild care of debility. Demulcent, refrigerant, Gonorrhoea, Scalding urine. Astringent, ulcers, Biliousness, Leprosy.
182	Solanum ferox Linn (Chandrika)	Solanaceae	R& Fr	Appetizer, Sedative, Ophthalmia.
183	Solanum indicum Linn (Nar-kanta)	Solanaceae	R Fr	Astringent, Anthelmintic, Digestive, cardiac troubles, Bronchitis, Leucoderma, fever. Anthelmintic, Leucoderma, Pruritus, Vomiting.
184	Solanum nigrum Linn (Makoi)	Solanaceae	RB L Fr Sd	Diseases of eye, ear, nose, Ulcer on the neck. Head ache. Aphrodisiac, Alternative, Diuretic, Inflammation, Asthma, Bronchitis, Fever, Leucoderma, Piles, Heart & Eye disease. Laxative, Giddiness, Gonorrhoea

185	Solanum surattense Burm.f. (Ringni)	Solanaceae	R L F1	Expectorant, Cough, asthma, chest pain, catarrhal fever. Pain reliever, Rheumatism. Throat sore, Cough, Toothache.
186	Tecomella undulate Seem. (Rugtrora)	Bignoniaceae	B Sd	Abdominal & liver complaints. Laxative, Anthelmintic, Ulcers, Blood & eye diseases.
187	Tephrosia purpurea Pears. Syn (Sarphoka)	Papilionaceae	R WP L	Alexipharmic, Ulcers and wounds, spleen complaints Amthelmintic, Antipyretic, Diseases of heart, spleen, Lever and blood, Leprosy, Asthma Bronchitis. Syphilis, Gonorrhoea, Lung troubles.
188	Tinospora cordifolia Willd. (Amrita gulbel)	Menispermaceae	R Fr	Emetic, Visceral obstruction. Rheumatism, Jaundice.
189	Tribulus terrestris Linn (Gokhru)	Zygophyllaceae	R & Fr L Sd	Aphrodisiac, Alternative, Diuretic. Appetiser, strangury, Leprosy, Piles, Heart diseases. Aphrodisiac, Blood purifier Diuretic, Aphrodisiac.
190	Trichodesma zeylanica Burm.f. (Hetermuria)	Boprajnaceae	WP L	Alexipharmic, Leucoderma, Piles. Diuretic, Emollient.
191	Urtica dioica Linn (Bichu-booti)	Liliaceae	Tu	Anthelmintic, Alexiteric, Diuretic, Emmenagogue, Purgative, Bronchitis, Asthma, Dropsy, Rheumatism, Skin diseases, leprosy.
192	Urtica dioica Linn (Bichu-booti)	Urticaceae	WP	Diuretic, Anthelmintic, Nephritic troubles, Haemorrhage in kidney & Uterus, Jaundice
193	Vallisneria spiralis Linn (Gwar-patha)	Hydrocharitaceae	WP	Leucorrhoea
194	Vernonia cinerea Less. (Sandri)	Asteraceae	WP F1	Diaphoretic, strangury, Promotes perspiration, Spasm of bladder. Conjunctivitis

195	Verbascum thapsusu Linn. (Gidartamaku)	Scrophlaria- Cee	Sd L F1	Anthelmintic, Alexipharmic Anodyne, Gout, Chest pain Rheumatism, Diarrhoea, Cough. Pulmonary diseases, Bleeding of lung
196	Verbena officinalis Linn (Karaita)	Verbenaceae	WP R L	Paralysis, Amenorrhoea Scrofula, Fits. Febrifuge, Tonic, Rheumatism, Diseases of joints.
197	Viscum articulatum Burm. (Bandala)	Loranthaceae	WP	Alexipharmic, Aphrodisiac, Cooling, Alternative, Ulcer, Blood diseases, Billiousness, Epilepsy.
198	Vitex nequundo Linn (Nirgundi)	Verbenaceae	WP	Astringent, Cephalic, Stomachic, Anthelmintic, Hair tonic, Spleen enlargement, Ophthalmia, Leucoderma, Inflammation, Asthma, Biliiousness.
199	Withania coagulans Dunal. (Paneer-bandh)	Solanaceae	Fr Sd	Asthma, Biliiousness, Strangury Emmenagogue, Diuretic, Ophthalmia, Lumbago, Liver troubles, Piles.
200	Withania somnifera Dunal. (Asgandh)	Solanaceae	R Tu Sd	Alternative, Aphrodisiac, narcotic, tonic. Alternative, Narcotic, Bronchitis, Psoriasis, Ulcers, senile debility, Rheumatism, Tonic. Diuretic, Hypnotic.
201	Wrightia tinctoria Roxb (Kerni)	Apocynaceae	WP	Aphrodisiac, Biliiousness, Piles, Skin diseases.
202	Zizyphus mauritiana Lamk. (Bor)	Rhamnaceae	R B Fr	Ulcer, Wounds, Fever. Diarrhoea Digestive, Blood purifier
203	Zizyphus nummularia Burm.f. (Jari-bor)	Rhamnaceae	L Fr	Cough, cold skin diseases. Astringent, Cooling. Biliiousness, sores, Ulcerated gums.

### **Acknowledgement:**

Authors are thankful to the director general, ICFRE, Dehra Dun for allotting the work and providing facilities, Thanks are also extended to the local villagers and practitioners for their help in providing necessary information.

### **Abbreviations Used:**

WP	: Whole Plant
R	: Root
B	: Bark
L	: Leaf
Fl	: Flower
Fr	: Fruit
Sd	: Seed
RB	: Root Bark
L0	: Leaf Oil
S0	: Seed Oil
Tu	: Tuber
Rh	: Rhizome
Gm	: Gum
Pd	: Pods
Th	: Thorns

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