

List of Medicinal Plants Available In Herbal Garden

Pit No.	Common Name	Scientific Name	Family	Chemical Constituents	Medicinal Use
A 1	Basil	<i>Ocimum basilicum</i> Linn	Lamiaceae	Volatile oil: limonene, camphene, citronellol, 1,8-cineole	Aromatic, carminative, antioxidant, antiviral, and antimicrobial agent
A 2	Parsley	<i>Petroselinum crispum</i> Mill	Apiaceae	Carbohydrate, beta-carotene ,luteolin, folic acid, vitamin C, and vitamin A, and iron	Antioxidants & Source of folic acid, vitamin C, and vitamin A.
A 3	Digitalis	<i>Digitalis purpurea</i> Band	Scrophulariaceae,	Cardiac glycoside- Pupurea glycoside A&B, digitoxin and digoxin	Cardio tonic.
A 4	Santolina	<i>Santolina chamaecyparissus</i> Linn	Asteraceae	Volatile oil, artemisia ketone , camphor and β -phellandrene	Expel intestinal parasites., oil used in perfumery
A 5	Calamus	<i>Acorus calamus</i> Raf	Araceae	Alkaloids, flavonoids, gums, lectins, mucilage, phenols, quinone, saponins, sugars, tannins, and triterpenes (steroids). Calamenone	Anesthetic, Antibacterial and anticancer agent
B 1	Strawberry	<i>Fragaria vesca</i> Linn	Rosaceae	Ellagic acid, flavonoids, carotenoids and terpenoids ,cissotanic, malic and citric acids, sugar, pectin, vitamin C, potassium, manganese, fiber, ellagitannins,	anti-inflammatory, antioxidant, anticarcinogenic, astringent, calmative, depurative, diuretic, laxative, refrigerant and tonic
B 2	Sage	<i>Salvia officinalis</i> Linn	Labiatae	Estrogen ,phenolic acids ,flavenoids ,resin ,saponins ,tannins ,thujone ,volatile Oil	Antibacterial ,antiseptic .antispasmodic ,antiviral

B 3	Asparagus	<i>Asparagus officinalis</i> var.L	Liliaceae	Asparagusic acid, fixed oil, aromatic resin, sugar, and a bitter principle--spargin.	Diuretic, sedative, laxative
B 4	Rosemary	<i>Rosmarinus officinalis</i> Linn	Labiatae	Essential oil were 1,8-cineole , trans-caryophyllene , borneol , camphor , α -pinene .	Tonic, astringent, diaphoretic, stimulant
B 5	Spearmint	<i>Mentha spicata</i> Linn	Lamiaceae	Volatile oil- limonene, dihydrocarvone and 1,8-cineol.	Stimulant ,aromatic and carminative
C 1	Dusty Miller	<i>Cineraria maritime</i> L.Pelser	Compositae	Volatile oil - α -pinene	Treatment of conjunctivitis and other inflammatory conditions of eyes.
C 2	Artemisia	<i>Artemesia absinthium</i> Linn	Asteraceae	Volatile oil- 1, 8-cineole, cis (a) and trans (β)-thujones	Anthelmintic, antibacterial, antifungal, insect repellent, narcotic, digestive, tonic
C 3	Vettiver	<i>Vetiveria zizanioides</i> <i>L.Roberty</i>	Graminaceae	Volatile oil- beta-vetispirene , khusimol, vetiselinenol and alpha-vetivone	Aromatic, carminative, stimulant, antioxidant and anti-inflammatory agent.
C 4	Marjorum	<i>Origanum majorana</i> Linn	Lamiaceae	Volatile oil- monoterpene,sabinene,myrcene	In the treatment of diabetes , asthma, catarrh, insomnia and nervousness, antioxidant , hepatoprotective, antibacterial agent
C 5	Lemon balm	<i>Melissa officinalis</i> Linn	Labiatae	Volatile oil-trans-ocimene, cis-ocimene, 3-octanone, methyl hepenone, cis-3-hexenol, 3-octanol, 1-octen-3-ol, copaene, citronellal	antispasmodic, bactericidal, carminative, cordial, diaphoretic, emmenagogue, febrifuge,
D 1	Oreganum	<i>Origanum majorana</i> Linn	Lamiaceae	Volatile oil- cis-sabinene hydrate p-cymene and γ -terpinene	Treatment of asthma, catarrh, insomnia and nervousness,antioxidant
D2	Pepino	<i>Solanum muricatum</i> Linn	Solanaceae	sugars, non-volatile organic acids,	Nutritive, antioxidant

				amino acids, starch, vitamin C, minerals, sucrose, fructose and glucose	
D 3	Rhubarb	<i>Rheum rhaponticum</i> Linn	Polygonaceae	<i>Anthraquinines, chrysophan and tannin</i>	treatment of constipation, diarrhea, fever, menstrual problems, Laxative, Cathartic, astringent and tonic
D 4	Artemisia	<i>Artemisia dracunculus</i> L. (Tarragon)	Compositae	Essential oil, coumarins, flavonoids, and phenolcarbonic acids	Anti-inflammatory, hepatoprotective, and antihyperglycemic agent
D 5	Lemon verbena	<i>Lippia citriodora</i> Kunth	Verbenaceae	Volatile oil- verbascoside	Antioxidant, applications in cosmetic, nutraceuticals or functional food
E1	Thyme	<i>Thymus vulgaris</i> Linn	Labiatae	Volatile oil-Carvacrol, preponderate, Cymene and Pinene	Antiseptic, antispasmodic, tonic and carminative
E 2	Brahmi	<i>Centila asiatica</i> Linn	Umbelliferae	Asiaticosides. pentacyclic triterpenoid saponins, centelloside, bramoside, braminoside and centellosaponines B, C and D.	Adaptogenic ,antioxidant and antistress agent
E 3	Peppermint	<i>Mentha piperita</i> Linn	Labiatae	Volatile oil-Menthol, cineol, inactive pinene, limonene	anti-spasmodic, Aromatic, carminative and stimulant,
E 4	Berberis	<i>Berberis tinctoria</i> Lesch	Berberidaceae	Berberine, oxyacanthine, berbamine,alkaloids,tanins	Tonic, purgative, antiseptic
E 5	Lemongrass	<i>Cymbopogon citratus nardus</i> Linn	Graminae	Volatile oil- alpha-citral, alpha-eudesmol, alpha-pinene, alpha-terpineole	T prepare deodorants, herbal teas, skin care products, fragrances, insect and repellents, and for aromatherapy
F 1	Pyrethrum	<i>Chrysanthemum cinerarifolium</i> (Trevir.) Vis	Compositae/ ASTERACEAE.	Pyrethrins, cinerolones, and chrysanthemines	Insecticidal ,insect repellent
F 2	Geranium	<i>Pelargonium graveolens</i> Linn	Geraniaceae	Volatile oil- citronellol , nerol and	Aromatic, stimulant and used

				geraniol	for aromatherapy
F 3	Horse radish	<i>Cochleria armoracia</i> Linn	Brassicaceae	Glycosides, isothiocyanates, and volatile oil	Antibacterial, to treat upper respiratory tract inflammations, including sore throat
F 4	Lavender	<i>Lavendula intermedia</i> Linn	Lamiaceae	Volatile oil- linalool, perillyl alcohol, linalyl acetate, camphor, limonene, tannins, triterpenes, coumarins , cineole, and flavonoids.	In perfumes, cosmetics, and topical applications, Antibacterial, antiseptic and anti-inflammatory agent
F 5	Fennel	<i>Foeniculum vulgare</i> Linn	umbeliferae	Volatileoil- Fenchone,anethol,terpenes	
G 1	Milfoil	<i>Achillia millefolium</i> Linn	Compositae	Volatile oi, <i>achillein</i> , and achilleic acid, tann,gum ,resin	Diaphoretic, astringent, tonic, stimulant and mild aromatic.
G 2	Aloe	<i>Aloe ferox</i> Miller	Liliaceae	Glycoside,Mucilage, anthaquinones,aloe emodin.	Laxative, treatment of burns, and skin disorders.
H1	Rue	<i>Ruta chalepensis</i> Linn	Rutaceae	Volatile oil,Furanoacridones , acridone alkaloids ,arborinine and evoxanthine	To treat severe gastric discomfort, insect repellent, aromatic, carminative
H2	Aloe	<i>Aloe bardedensis</i> Linn	Liliaceae	Glycoside, Mucilage, anthaquinones,aloe emodin, barbaloin.	Laxative, treatment of burns, and skin disorders.
I 1	Sweet Violet	<i>Viola odorata</i> Linn	Violaceae	Saponins, salicylates, alkaloids, flavanoids,violin	Anti-inflammatory, anticancer, demulcent, diuretic, emetic, expectorant, purgative.