

## Jambu



**Botanical Name** : Syzygium cuminii

**Family** : Myrtaceae

**Vernacular names** -

Hindi : Jamun

Telugu : Neredu

Tamil : Naval

English : Jaman, Black plum

Punjabi : Jamalu

Kanada : Nerale

Malayalam : naval

Bengali : Kala jam

Sanskrit : Jambuh

Unani : Jaamun

Bengali name: Kala Jam

**Synonyms** :

Kokilesta, Pikabhaksa, Phalendra, Jambava, Jambu, Mahaaphalaa, mahaskandha,

Surabhipatra.

**Varieties-**

Kaka Jambu (Jambu- *Eugenia jambolana* ,*Syzygium cumini*)

Jala Jambu (Ksudra Jambu , Bhumi Jambu,Nadi Jambu. – *Heyneana Wall./E. operculata* Roxb.)

Raja Jambu- *Eugenia jambos* L. (*Syzygium jambos* (L.) Alston

**Morphology :**

An evergreen tree.It is a moderate-sized, glabrous tree about 18-20 m. height.

Stem Erect, woody, branched, thick, solid, cylindrical with grey bark.

Leaf Simple, opposite, stalked, 10-14 cm long, petiolate, exstipulate with reticulate venation, gland dotted

Flower White, small, crowded, on inflorescence, inferior ovary

Fruit - Berry, succulent, globose, dark purple,smooth when ripe.

Seed- Single, endospermic

**Chemical Constituents :**

Seed contains a glucoside – jamboline, ellagic acid, yellow essential oil, chlorophyll, resin, gallic acid, albssñrin etc.Bark has 12% gum.

Fruits eugenia triterpenoids A & B, oleanolic acid, malic acid, glucose, fructose, gallic acid

Stem bark & root- Kaempferol , myricetin, quercetin

Leaves- citric, oxalic and glycollic acids; glucose, leucine, sitosterol, dihydromyricetin etc.

anthocyanins , citric, malic ,gallic acids, and tannins

**Classical categorization -**

Charaka Samhita-

Mutrasangrahaniya,Pureeshavirajaneeya,

Chardinigrahana .

Sushruta and Vagbhata - Nyagrodhadi group of herbs.

**Properties :**

Rasa -Kasaya, Madhura, Amla

Guna -Laghu, Rüksa

Virya- Sita

Vipaka -Katu

Karma : Vatavardhaka, Kapha-pitta hara, Grahi,  
Astringent, digestive, anthelmintic, febrifuge, anti bacterial, stomachic, carminative, diuretic.

**Indications :**

Madhumeha, Atisara, Chardi, Raktapitta, Daha, Vrana,leucorrhoea, fever, skin disease,  
diabetes(seed), ulcer

**Part Used :**

Fruit, leaf, stem bark,seed

**Dosage :**

Fresh juice 25-50 ml; powder 4-6 g.

**Important Formulations :**

Jambvasava, Jambvadi ghrta, Jambvadi taila,