

## Jamun (*Syzygium cumini*)

Kingdom:	Plantae
Order:	Myrtales
Family:	Myrtaceae
Genus:	<i>Syzygium</i>
Species:	<i>S. cumini</i>



*Syzygium cumini*, commonly known as Malabar plum, Java plum, black plum, jamun,

It is an evergreen tropical tree native to the Indian subcontinent and Southeast Asia, including Myanmar, Sri Lanka, Bangladesh and the Andaman Islands. Bark greyish brown, with large flakes, smooth higher up. Slash aromatic. Leaves with many close parallel veins, crushed leaves smells aromatic, Flowers and fruits produced in bunches on leafless part of branches.

### Phytochemical Profile:

Various secondary metabolites viz., flavonoids, phenolic acids, tannins, and terpenes have been reported in different parts of *S. cumini*. Leaves of this plant species contain high levels of flavonoids, especially quercetin, myricetin, myricitrin, kaempferol, and their glucoside derivatives, in addition to simple phenols like ellagic acid, ferulic acid, chlorogenic acid, and gallic acid.

### Medicinal and Therapeutic Uses:

Antihyperglycemic Activity  
 Antihyperlipidemic Activity  
 Cardioprotective Activity  
 Antiinflammatory Activity  
 Antioxidant Activity

