

Artocarpus heterophyllus Lam.

Synonyms : *Artocarpus integrefolia* auct. non L.

Family : Moraceae

Group : 6. Star trees

Parts Used : Root , Fruit , Leaf, Seed, Wood, Latex

Vernacular Names

English : Jack fruit tree

Malayalam : പേരന്

Hindi : Kathal, Cakki

Sanskrit : Panasah



Botany: A large monoecious ever green tree with 18-25 m in height

• **Wood:** Bark black mottled with green, rough with warty excrescences , heartwood bright yellow, sapwood pale white.

• **Leaf:** Simple, alternate, coriaceous, entire shiny, dark, green above, penninerved, lateral nerves 7-8 pairs, stipules sheathing, leaving a scar on falling;

• **Inflorescence:** Cauliflorous and also from the main branches, tender heads enclosed by glabrous to puberulous, leafy scales which fall off leaving annular flange at base. Male Flowers: crowded on globose receptacle - both cauliflorous.

• **Fruits:** Multiple large, fleshy globose or oblong, covered with tubercles, seeds oval with memberaneous testa, cotyledons unequal.

Uses:

• Seeds are sweet, diuretic, aphrodisiac and constipating.

• Unripe fruits are acrid, astringent, carminative and tonic. Ripe fruits are sweet, cooling, oleaginous, laxative, aphrodisiac and tonic

• Wood is nervine sedative. Latex is useful in diopsia, ophtalmitis and pharyngatis

• Leaves are useful in fever, boils, wounds and skin diseases.

Agro technology

Propagation: Seedlings or grafts for planting.

Harvesting: The seedlings generally bear after eight years and the grafted plants after three years of planting. The fruiting season lasts about four months from January -February to May-June. The average yield from one tree is about 50-100 fruits per year.

