

## *Spondias pinnata* (Linn.f.) Kurz

**Synonyms** : *S. mangifera* Willd.

**Family** : Anacardiaceae

**Group** : 6. Star trees

**Parts Used** : Root , Fruit , Leaf, Bark

### **Vernacular Names**

English : Wild mango, Hogplum

Malayalam : Ambazham

Hindi : Amra

Sanskrit : Amratakah



**Distribution and habitat**: Throught out India, wild as well as cultivated.

**Botany**: A medium sized aromatic, deciduous tree, upto 27 m in height.

• **Leaves**: Compound, crowded at the ends of the branches, leaflets large having parallel nerves meeting in an intramarginal nerve.

• **Bark**: Thick, surface light grey to grayish bark, shallowly furrowed or cracked longitudinally, brittle, their fracture splintery.

• **Flowers**: Many, in terminal spreading panicles. Starts flowering 2-3 years after sowing.

• **Fruits**: Fleshy drupes with woody endocarp, surrounded by longitudinal interwoven fibrous, young fruits green colour, turning light yellow or greenish yellow on ripening. One seed per drupe.

• **Seeds** : The stone is semi-woody, 2.5 cm long and 2.1 cm diameter, fibrous outside, 5 celled, polyembryonic. Seeds mature in 8 to 9 months after flowering during December to May

### **Properties:**

• The bark is aromatic, astringent and refrigerant.

• The leaves are aromatic, acidic, astringent.

• The unripe fruits are astringent, thermogenic, appetizer and aphrodisiac. The ripe fruits are sweet, astringent, cooling, emollient, tonic, constipating and antiscorbutic.

### **Uses:**

• The leaves are used in dysentery. The juice of the leaves is recommended for local application in otalgia.

• The unripe fruits are used in dysentery. The ripe fruits are used in bilious dyspepsia, diarrhea, general debility.

• The bark is useful in dysentery, diarrhea, vomiting and muscular rheumatism.

• The roots are useful in regulating menstruation.

### **Agrotechnology**

**Propagation**: To collect seeds, fruits are squeezed under water to remove the pulp. The stones are then dried under partial shade and stored. It has 2-3 months of dormancy. Seeds remain viable only up to 7 months. Overnight soaking of seed in water is preferred before sowing. It takes 17-20 days to germinate after sowing. One month old seedlings are ready to be transplanted in the prepared fields.

**Spacing** : 5 m x 5 m

**Seed requirement per acre** : 1 kg

**Seedlings required per acre**: 160 nos.

