

Gmelina arborea

Botanical name: *Gmelina arborea*

Common name: Gamhar trees

Morphological characters:

Gmelina arborea is a fast-growing tree. The *Gmelina arborea* tree attains moderate to large height up to 30 m with girth of 1.2 to 4 a chlorophyll layer just under the outer bark, pale yellow white inside. *Gmelina arborea* wood is pale yellow to cream-coloured or pinkish-buff when fresh, turning yellowish brown on exposure and is soft to moderately hard, light to moderately heavy, lustrous when fresh, usually straight to irregular or rarely wavy grained and medium course textured. The fruit is up to 2.5 cm long, smooth, dark green, turning yellow when ripe and has a fruity smell.



Growing season and Type:

1. It prefers moist fertile valleys with 750–4500 mm rainfall. It does not thrive on ill-drained soils and remains stunted on dry, sandy or poor soils.
2. Flowering takes place during February to April when the tree is more or less leafless whereas fruiting starts from May onwards up to June.
3. It is light demander, tolerant of excessive drought, but moderately frost hardy.
4. Gamhar trees coppices very well with vigorous growth. Saplings and young plants need protection from deer and cattle.



1



2



3

1) Flower image of *Gmelina arborea*

2) Leaf image of *Gmelina arborea*

3) Fruit image of *Gmelina arborea*

source: <http://www.flowersofindia.net/catalog/slides/Gamhar.html>