

## Mahogany

**Botanical Name:** *Swietenia macrophylla*

**Family:** Meliaceae

**Common Name:** Honduran mahogany

**Hindi Name:** महोगनी

**Part Used:** Leaves, flowers, seeds, and bark

*Swietenia macrophylla* is commonly known as mahogany, it is an evergreen tree up to approximately 30-45 m, infrequently attaining a height of 50 m and d.b.h. of 2 m. Mahogany trees exhibit rapid early growth in height, often forming a single unbranched stem for up to 10 m before branching. Mature trees have a tall straight, cylindrical bole clear of branches for 12-18 m often with high buttresses, but in open-grown areas, it may be short boled with massive branching. Buttress production begins at a size of 10-12 cm d.b.h., and their height increases linearly with tree size above this point reaching 3 m on the largest trees and extend out 10 m or more from the stem. *Swietenia mahagoni*, has various traditional and modern medicinal uses, Its bark and seeds have been used in traditional medicine for treating conditions like malaria, diabetes, diarrhea, and fever. Anti-septic, astringent, febrifuge, diarrhoea, dysentery, raised appetite, strength restoration in tuberculosis, inhibitory role on HIV-I protease enzyme. Big Leaf Mahogany is commonly grown throughout South America particularly in Brazil, Bolivia, Peru, Central America, and Mexico. Various medicinal uses of this plant has been reported. The bark is used to treat diarrhea and fever. The tree is not cultivated for food for no plant part is edible. From treating digestive issues to reducing inflammation, the mahogany tree has a wide range of medicinal uses that have been recognized for centuries.