

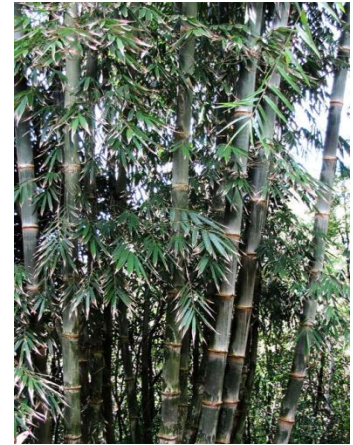
Dendrocalamus strictus

Botanical name: *Dendrocalamus strictus*

Common name: Male bamboo, Solid bamboo, Calcutta bamboo

Morphological characters:

Dendrocalamus strictus is a medium-sized bamboo with culms of about 8-20 m tall and 2.5-8 cm in diameter. The internodes are 30-45 cm long and thick-walled. Many clustered branches with 1 larger dominant branch. The lower nodes often have branches. Leaf size is variable as they are smaller in dry locations and bigger in moist areas, sizes vary between 5-25 cm long and 1-3 cm broad.



Growing season and type:

- 1) Culms are hollow when growing under humid conditions, but nearly solid under dry conditions.
- 2) This species has pale blue - green culms when young, and dull green or yellow culms on maturity.
- 3) Flowers appear from November to February and fruits are seen from February to April.
- 4) This species is mainly found in semi dry and dry deciduous forests.
- 5) *Dendrocalamus strictus* prefers a low relative humidity and mean annual temperatures between 20°C - 30°C, but can withstand extreme temperatures (as low as -5°C and as high as +45°C).
- 6) It prefers sandy loam soils with good drainage and a pH between 5.5 - 7.5.



1



2



3

1) Leaf image of *Dendrocalamus strictus*

2) Flower image of *Dendrocalamus strictus*

3) Tree image of *Dendrocalamus strictus*

source: <http://www.guaduabamboo.com/species/dendrocalamus-strictus>