



BAMBOO SOCIETY OF INDIA

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Dendrocalamus brandisii

(Burma bamboo in Karnataka / Velvet Leaf Bamboo / Sweet dragon bamboo)

Dendrocalamus brandisii is a very large (tallest), evergreen, tufted, thorn less, dense clumping bamboo with large leaves. Culms have an ash-gray to greenish-gray color. Nodes are slightly swollen with rootlets showing on the lowest nodes. Young shoots are dark-gray with a dark-brown shade.

It's been growing well in Kodagu, Western Ghats

Hight: 20-33m **Diameter:** 13-20cm.

Internode: 30-60 cm,

Wall thickness: 1.7-3cm

Flowering Cycle: 45-50 years

Weather: Warm moist tropics

Propagation: Seed, rooted cuttings, tissue culture.
Seed viability only 2-3 months.

Planting Spacement: 7m X 7m / 6m X 6m
(larger spacement yield better quality culms)

Altitude: 0 – 1300 m

Soil: Found on calcareous rocks but also grows well on well drained loamy soils.

pH: 4.5-7.5

Exposure: Full sun or part shade

Water: Normal to moist. Irrigate after monsoon.

Harvesting: Culms mature in 3-4 years. Culms older than 3 years to be harvested. 6th year onwards. Cut below 30cm above ground and just above 2nd node.

Yield: 20 T / Acre / Year.

Uses: Construction, basketry, paper pulp, furniture, farm implements, baskets and other woven wares and handicrafts. This is one of the strongest and largest bamboos for construction purposes.

Shoots: Shoots are edible.

