



# BAMBOO SOCIETY OF INDIA

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## ***Bambusa tulda*** **(TULDA, INDIAN TIMBER BAMBOO, BENGAL BAMBOO)**

Tulda can grow 6-20 m tall and 5-10 cm thick. Has excellent tensile strength of up to 60,000 pounds (27000kg) per Sq. inch.

Tall dull green coloured turning greyish green when mature. Have few closely growing culms. Young shoots yellowish green with powdery top. Culms covered with white bloom. Several or many clustered branches. Culms thick walls 10-20 mm. internodes 40-60 cm long.

**Growth:** Fast. 70cm/day

**Flowering Cycle:** 15-60 years gregarious flowering for 2 years.

**Climate:** Tropical – Subtropical

**Exposure:** Prefers semi shade but also grows in full sun

**Soil:** Loamy and alluvial soils, fertile and well drained.

**PH:** 5-6

**Water need:** Average

**Altitude:** 0-1500 mts.

**Rainfall:** Moist areas. 1200-2500 mts

**Temperature:** 4 degree C-37C Best: 22 C-28 C.

**Propagation:** By seed (viability by 70%) , rhizomes, culm cuttings, branch cuttings and Tissue culture

**Planting distance:** 5 m × 5m/ 6m × 6 m ( for quality culms )

**For screening :** 3m X 3m

**Harvesting:** Matures 5-7 years. 3-4 years old culms are harvested. 3-6 culms evenly spread to be retained after harvesting for better growth. Harvested poles placed in flowing water for 10-20 day and then air dried 1.5-3.5 months for durability.

**Yield:** Average yield about 12 Tons / year

**Uses:** Agarbathi, construction, Scaffolding, Furniture, Basketry, Mats, Handicrafts, paper pulp wind break

**Shoots:** Edible.

