



BAMBOO SOCIETY OF INDIA

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Bambusa polymorpha (Burmese Bamboo)

Large thornless dense clumping tropical tall greyish green coloured bamboo with brown hairs and becoming brownish grey while drying. Branches appear mid culm till the top. Aerial roots seen up to a few nodes above ground.

Height: 15-25 mt tall. **Diameter:** 7-15 cm

Colour: Light green or greyish white when young

Internodes: 40-60 cm.

Wall: 10-20 mm (occasionally solid near base)

Branches: Several or many

Climate: Tropical – Subtropical. Subhumid areas.

Exposure: Full sun – Partial Sun.

Soil: Loamy and alluvial soils. Fertile and well drained

Water needs: Average

Temperature: 9-32° C. best growth 22-28° C

Rainfall: 1200-2500 mm (can grow in 700-4500 mm rain fall areas)

PH: 5-6, Tolerates 4.5 – 6.5

Regeneration: Seeds, rhizome, cuttings

Seeds: Viability 40%, viable for 3-6 months

Planting Spacement: 7m X 7m for production of big culms. 5m X 5m – for medium culms production

Flowering Cycle: 35 – 80 years. gregarious for 2-3 years and also sporadic flowering seen . (Avg age of flowering is 60 years)

Harvesting: In 5th - 6th years onwards. 3-4 years old culms to be harvested. 8-10 old culms should be retained in the clump for better growth after harvest.

Uses: Construction, furniture, Basketry, weaving, paper pulp, laminated boards,

Shoots: Shoots are edible.

