



BAMBOO SOCIETY OF INDIA

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Dendrocalamus longispathus

It is an evergreen, clump-forming bamboo. Culms are green with white blooms when young, which become greyish-green when dry. Young shoots are yellowish-green in colour with shiny black hairs. Culm is straight. Branches spread out from the midculm to top. Aerial roots reach up to few nodes above the ground.

Height: 8-10 mts **Diameter:** 6-10 cm.

Internodes: 25-50 cm

Wall thickness: 0.7-1.2 cm

Climate: A plant of the moist, lowland tropics and subtropics

Altitude: Up to 1,000 meters.

Temperature: It grows best in areas where annual daytime temperatures are within the range 20 - 27°C, but can tolerate 15 - 34°C.

Annual rainfall: 1,800 – 3,600mm, but tolerates 1,200 - 4,500 mm.

pH: 5 - 6, Tolerating 4.5 –7.

Exposure: Best in full sun or light shade.

Flowering Cycle: 30-35 years

No. of Seeds / Kg: 55,000/-

Planting material: Seed, Vegetative methods. Seed - have a short viability of 2 - 3 months. Sow in containers in a lightly shaded position and only just cover. Germination rates of 33 - 50%, starting to sprout within 2 - 8 days.

Plants: 160 Plants / acre.

Spacement: 5m X 5m or 6m X 6m

Uses: Landscaping, temporary construction, agarbathi, tooth picks, baskets and containers, furniture, mats, etc. This specie is generally used as a source of pulp for the manufacture of paper.

