



BAMBOO SOCIETY OF INDIA

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Dendrocalamus stocksii (Marihal / Seme Bidiru)

Thornless, mid - sized, erect, almost solid species endemic to central western ghats of India. Though it's a clumping bamboo, it has loosely spaced culms which makes harvesting easier.

Height: 6-12 meters, **Diameter:** 3-5 cm

Wall thickness: 0.2-1.5cm. Base of pole is solid. Internode 15-30 cm.

Flowering: Sporadic with no seed set.

Soils: Deep loamy soils are best. Naturally seen in lateritic soils. But can grow on a wide variety of soils.

Altitude: 0-600 meters above sea level

Weather: Humid tropics / Sub-tropics.

Propagation: By rhizomes, rooted cuttings, tissue culture.

Planting spacing: 4mt x 4mt or 5mt x 5 mt. Higher spacement give thicker and better quality culms A pit size of 60x60x60 cm is sufficient for initial planting which may be filled with 5 kg compost/FYM + 100 g VAM + 15g phosphorus solubilising bacteria (PSB) + 5g Azospirillum. As plant protection measure 0.5 per cent Chloropyriphos solution is added to avoid termite and ant attack.

Best time for planting is June.

Each clump may be supplemented with 100 gm Nitrogen, 50 gm Phosphorus, 50 gm Potassium along with 5 kg of compost /FYM for initial three years and same dose repeated after every annual harvest of mature culms.

Watering: regularly after monsoon compulsory for first three years. First year twice in a week and subsequently once in 15 days

Harvesting: from 5th year onwards. Culms should be 2-3 years old for harvest. Retain 50% mature culms for better growth after harvesting. **Time of harvesting:** Nov- May

Yield: 750-1000 poles/ acre per year

Uses: construe, furniture, Basketry, Handicrafts, Food containers, etc

