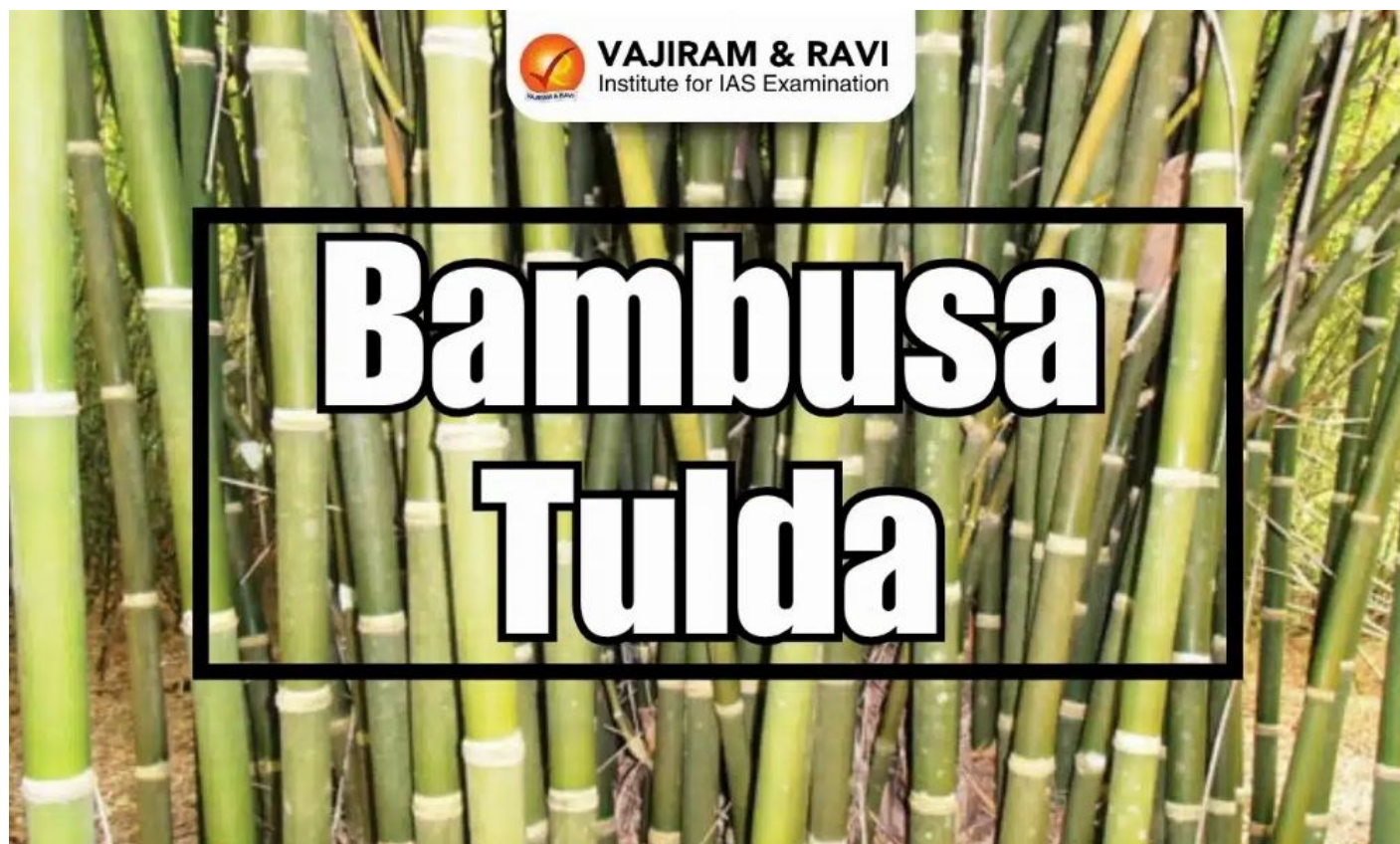


Bambusatulda

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Bambusa Tulda Latest News

A team of researchers from the Indian Institute of Technology Guwahati (IIT-G) have fused bambooBambusatulda with biodegradable polymers to develop a composite material as a suitable replacement for conventional plastics.

About Bambusa Tulda

- It is commonly known as **Bengal Bamboo or Indian Timber Bamboo**.
- **Local names:** JatiBahn (Assam), mritinga (Tripura), spineless Indian bamboo.

Features of Bambusa Tulda

- It is a **fast growing medium-sized tropical clumping bamboo**.
- It has short **pachymorph rhizomes** which mean that it grows in densely tufted clumps.
- It is considered to be one of the most valuable multipurpose bamboo species, which usually grows up to a height of 20 m with culm diameters between 5-10 cm.
- It requires **loamy and alluvial soils, fertile** and well drained for its growth.

- **Propagation:** It can be propagated by seed, rhizome cuttings, culm cuttings and by tissue culture.
- It is native to the **Indian subcontinent, Indochina, Tibet, and Yunnan**. It is grown **across India's northeast**, has potential applications in furniture, electronics, and packaging industries too, the researchers said.

Uses of Bambusa Tulda

- In India it is used **extensively by the paper pulp industry**, but due to its nearly solid culms it is also an excellent and strong timber that can be used in construction and scaffolding.
- The **shoots of Bambusatulda are edible**, but taste slightly bitter and are therefore often pickled. Fermented shoots are rich in phytosterols and can be used for the production of sterol drugs to lower cholesterol levels.
- In **agroforestry**, Bambusatulda is often **planted as a wind-break** around farms and fields.

Source: TH

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