

micropropagation of bamboo and pdf

Have you ever thought that we are in line with bible when we choose bamboo for replanting degraded lands? SECTION 2. "WHAT DO I NEED TO DO MICROPROPAGATION?" Now that you are interested in propagating bamboo by micropropagation, let us consider what you will need. Basic to all micropropagation technologies is a tissue culture facility.

Micro-Propagation of Bamboo - Betuco

The potential of micropropagation for mass scale propagation of bamboo has raised high hopes and a lot of research has been focused on the development of protocols for large and rapid scale ...

(PDF) Micropropagation of important bamboos: A review

The giant bamboo often reach a height of 20–30 m, while most bamboos are shrub-like, medium, or dwarf species with a few exceptions as climbers (Wang and Shen 1987). There are about 75 genera and over 1250 species in the world (Sharma 1980), which occur mostly in natural vegetation in tropical, subtropical, and temperate regions and are found in great abundance in tropical Asia.

Micropropagation of Bamboos | SpringerLink

In vitro micropropagation constitutes a feasible alternative to mass-propagate individuals in this plant group. Somatic embryogenesis (Lin et al., 2004 and references therein) and propagation using axillary buds (Jiménez et al., 2006; Ramanayake et al., 2006 and references therein) have effectively been used to multiply bamboos in vitro .

Micropropagation of Bamboo Species Through Axillary Shoot

ABSTRACT: Worldwide interest in bamboo as a source of biomass in sustainable agriculture and agro forestry system has increased rapidly in recent years. An efficient and reproducible procedure for the large scale propagation of *Bambusa vulgaris* is described.

Micropropagation of bamboo (*Bambusa vulgaris*) through

ELSEVIER Plant Science 129 (1997) 213-223 IENCE Micropropagation of the giant bamboo (*Dendrocalamus giganteus* Munro) from nodal explants of field grown culms S.M.S.D. Ramanayake *, K. Yakandawala Institute of Fundamental Studies, Hantana Road, Kandy, Sri Lanka Received 10 March 1997; received in revised form 21 July 1997; accepted 5 August 1997 Abstract Propagules of *Dendrocalamus giganteus* were produced by a process of in vitro axillary shoot proliferation followed by rooting.

Micropropagation of the giant bamboo (*Dendrocalamus*

bamboo for large scale micropropagation, that being the need of the hour. Key words: Bamboo, micropropagation, somatic embryogenesis, in vitro flowering, macroproliferation, field performance ...

Micropropagation of important bamboos: A review

description of the bamboo micropropagation technique is given along with a review of the progress made so far in bamboo around the world and the prospects for research in the area.

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