

IN VITRO PROPAGATION OF BRAHMI - BACOPA MONNIERI (L.) PENNELL

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Apical bud and nodal segment of Bacopa monnieri (L.) Pennell. were cultured on MS medium supplemented with IAA, BAP & Kn singly or in combination with varying concentrations. The medium containing IAA + BAP (2.5 mg/l. each) was found to be most favourable for regeneration of multiple shoots. Full strength MS medium was found most suitable for rooting of the newly developed shoots leading to formation of complete plantlets. Stepwise transfer of the plantlets from the medium to vermiculite and then to soil was found necessary for proper hardening. On being transferred to the field, 90% survival rate was recorded.

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