

OBSERVATION ON IN- VITRO PROPAGATION OF *SARIVA (HEMIDESMUS INDICUS R.BR.)*

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Sariva (Hemidesmus indicus R. Br.) is an important Ayurvedic plant, facing much depletion in nature. Due to its scarcity atleast three other plants species, viz., *Cryptolepis buchanani* Roem & Schult, *Decalepis hamiltonii* Wight & Arn. and *Ichnocarpus frutescens* R. Br. are being exploited and generally their stem pieces are being sold as substitute of *Sariva moola* (root).

Trials were made to propagate *Hemidesmus indicus* R.Br. through tissue culture, using nodal segment of the stem as explant. MS medium supplemented with various growth regulators in different concentrations was used for the study. Callusing, shooting and multiple shooting were observed on MS medium, supplemented with NAA+IAA, BAP, BAP + IAA respectively. The shoots, when transferred to Wight's medium developed roots forming complete plantlets. This communication deals with the details of the same.

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