



RESEARCH PAPER

Studies on seed germination of khirni (*Manilkara hexandra* L.) seedlings under laboratory condition

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Abstract : Studies were carried out on seed germination and subsequent growth of Khirni (*Manilkara hexandra* L.). seedlings at Seed Technology Laboratory, Late Shri. Vasantrao Naik Marahwada Agricultural University, Parbhani (M.S.), India during the year 2006-07 and 2007-08. Among the various seed soaking treatments given to Khirni seed, GA₃ 200 ppm seed soaking treatment for 24 hours was the best for increasing germination percentage and subsequent growth of Khirni seedlings under laboratory condition. While the treatment control *i.e.* no soaking recorded least germination percentage and subsequent growth of Khirni seedlings.

Key Words : GA₃, Seed germination, Subsequent growth, Khirni, Laboratory

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