

Micropropagation of two pistachio cultivars (*Pistacia veracv.* Ohadi and *Pistacia vera cv.* Fandoghi-48)

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In this research after determining the best explant source from adult trees of pistachio cultivars Ohadi and Fandoghi-48 and finding the most suitable disinfection treatment, effects of various concentrations of BA added to DKW medium supplemented with 2mg/L BA plus 0.01mg/L IBA gave the highest shoot proliferation. Micro-shoots transferred to DKW/2 (Half- strength) supplemented with 5.0mg/L IBA plus 0.01mg/L NAA was the best treatment for root induction. Rooted-shoots were readily transferred to *in vitro* to peat: perlite (1:1) and acclimatized to natural environment after acclimatization stage.