

Effects of Auxin concentration and culture medium on rooting of pistachio

micro - shoots (*Pistacia vera L.*)

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This experiment was conducted in order to study the effects of different concentrations of auxins on rooting of pistachio micro- shoots, obtained from in vitro shoot multiplication phase. Different basal culture media and various concentrations of IBA and NAA were investigated.

The results showed that micro-shoots cultured on half strength DKW medium supplemented with 2mgL⁻¹ IBA plus 0.01mgL⁻¹ NAA gave 100% rooting and was the best treatment Rooted-shoots were readily established in peat:perlite (1:1) and plantlets were acclimatized to natural environment successfully.