

In Vitro Clonal Multiplication of *Punica granatum* L. (Daru)

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Abstract—*Different juvenile explants (cotyledons, hypocotyls, leaf) were used for the callus induction and shoot regeneration. But percentage of shoot regeneration from cotyledon derived callus was high as compare to percentage of shoot regeneration from leaf and hypocotyls derived calli. Multiplication of the shoots obtained was carried out on medium supplemented with different concentration of BAP, Kn and GA₃ till the sufficient rate of multiplication was achieved. After subculturing at an interval of 4 weeks it was observed that rate of shoot multiplication was increased subsequently with increase in subculturing passage.*