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Effect of type of cuttings and IBA concentrations on the propagation of fig (*Ficus carica*) cv. Poona fig under open conditions

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A study was conducted in fig in order to find out suitable cuttings and IBA concentration for propagation of fig in open conditions. Rooting and survival percent, root and shoot parameters like root and shoot length, no. of roots and shoots, number of leaves, fresh and dry weights of root and shoots were best recorded in basal cuttings. Among the IBA concentrations imposed, IBA 3000 ppm recorded highest in above said parameters. Among the interactions between type of cuttings and IBA concentrations, basal cuttings treated with IBA 3000 ppm recorded in all parameters in including field survival percentage of rooted cuttings. Days to first sprouting was less in apical cuttings treated with IBA 3000 ppm. The above rootings and shooting parameters and field establishment were least recorded in apical cuttings treated with IBA 1000 ppm. So, basal cuttings treated with IBA 3000 ppm are best for propagation of fig in open conditions.

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