



Research Paper

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Rooting of hardwood cuttings of *Bougainvillea peruviana* cv. SHUBRA with growth regulator treatments

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ABSTRACT : In *Bougainvillea peruviana* cv. Shubra, hardwood cuttings were given quick dip treatment with various concentrations of NAA, IBA and their combinations. The treatment of cuttings with IBA2000 ppm (60.00%) was significantly better than the control and all the other treatments with respect to rooting of cuttings (*i.e.* per cent rooting 60.00%, average number of roots per cutting 8.55 and average length of roots 36.92 cm) and establishment of the plants (55.50%), irrespective of the method of plantation. Among the method of plantation *i.e.* polybags and sand beds, the differences were non-significant with respect to per cent rooting, however, average number of roots per cutting (6.09) and average length of roots (30.46 cm) was significantly more in the cuttings planted in sand beds than polybags and establishment of plants was significantly more in the cuttings planted in polybags (28.07%) than the sand beds (23.40%), irrespective of growth regulator treatment.

KEY WORDS : *Bougainvillea*, Hardwood cuttings, Plant growth regulators

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