EFFECT OF IBA ON VEGETATIVE PROPAGATION OF NERIUM OLEANDER ‘VARIEGATA’ THROUGH CUTTINGS

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Abstract: An experiment was carried out at Horticulture Nursery, M.S. Swaminathan School of Agriculture, Centurion University of Technology and Management, Paralakhemundi, Odisha during 2019-20. For the experiment sand was taken as rooting medium and experiment designed on Randomized Block Design (RBD) with 6 treatments and 4 replications. The treatments were T1-Control, T2-IBA @ 500ppm, T3-IBA@ 1000ppm, T4-IBA@1500ppm, T5-IBA@2000ppm and T6-2500ppm. The results express positive response of IBA concentration towards rooting characteristics of Oleander. Application of IBA @ 2500ppm shows higher results on survival percentage, root length, root numbers, rooting percentage and fewer days taken for sprouting of cuttings.

Keywords: Cutting, IBA concentration, Nerium, Rooting

REFERENCES


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