29. Vegetative propagation of four important timber yielding species of Kashmir

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Name of Inventor

S. A. Gangoo, N. A. Masoodi, R. Banyal & M. A. Islam

Rooted cuttings of *Taxuswalliciana*

Rooted cuttings of *Cupressustorulossa*

Description of Technology

This study has standardized the vegetative propagation of deodar, blue pine, Himalayan cypress and yew. Stem cuttings of deodar gives maximum rooting 62.13% under the treatment IBA 4000PPM + NAA 4000PPM with 11.3 number of roots /cutting.

Yew gives 85% rooting when treated with NAA 3000ppm + IBA 2000ppm with 12.4 number of roots/cutting.

90% rooting was recorded in Himalayan cypress under the treatment of IBA 3000ppm with 8.7 number of roots/cutting.

In case of blue pine 88% rooting was observed when cuttings were treated with IBA 2000ppm + NAA 2000ppm and cuttings were having 14.64 roots /cutting.

Impact

This methodology can be easily adopted in forest nurseries by having mist chamber faculties for producing clonal material of these important timber species on J&K.

Commercial applicability

This technology can be adopted by forest department and private nursery entrepreneurs