

EFFECT OF LIGHT AND SEEDLING CONTAINER MEDIUM COMPOSITION ON GROWTH OF *Zanthoxylum rhetsa* (ROXB.) DC AFTER *IN VITRO* STAGE

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Summary

Research results show that, shading and potting medium composition have a clear influence on the survival rate and growth ability of *Zanthoxylum rhetsa* (Roxb.) DC after the *in vitro* stage from 1 to 6 weeks of age. Shading at the rate of 50%, after 6 weeks of age, gives the highest survival rate of 78.33%, at this rate, it also gives the growth of the original diameter and the highest height of tops, respectively $D_{00} = 2.67$ mm and $H_{VN} = 25.17$ cm. The composition of potting mix 99% of forest land of layer B + 1% NPK gives the best survival and growth rate. At the age of 6 weeks, *Zanthoxylum rhetsa* (Roxb.) DC is survival rate reaches 72.33%, growth of original diameter $D_{00} = 2.67$ mm, growing height soaring $H_{VN} = 25.17$ cm

Keywords: *Zanthoxylum rhetsa* (Roxb.) DC, shading, ingredients potting mix, after *in vitro*.