

EFFECTS OF DIFFERENT POTTING CORE, LIGHT COVER AND FERTILIZER ON THE GROWTH OF *Nauclea orientalia* IN NURSERY

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Summary

The study on the effects of different potting core, light cover and fertilizer on the growth of *Nauclea orientalia* in nursery was carried out at Hung Vuong University, Phu Tho province. The results showed that at the 4 month stage, *G. orientalia* had a high survival rate ranging from 88.89% to 94.44%; the mix of 78% soil + 2% NPK (5:10:3) + 20% manure indicated the best growth both height and base diameter reaching 50.41 cm and 4.93 mm, respectively; the supplementing NPK (5:10:3) at the 5% concentration illustrated the best in base diameter (5.24 mm) and height (54.49 cm). At the shading level of 50% the base diameter and height were 5.09 mm and 52.13 cm, respectively. When the shading level increased, the seedlings growth tended to decreasing.

Keywords: *Fertilizer, Nauclea orientalia, nursery, potting core.*