

**TECHNIQUE OF MULTIPLICATION OF TRAM GIO
(*Melaleuca cajuputi* Powell) BY CUTTING FROM ROOTS AND
BRANCHES IN QUANG DIEN DISTRICT, THUA THIEN - HUE
PROVINCE**

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Summary

The research result of *Melaleuca cajuputi* Powell cutting identified the rates of rooted branches cuttings were higher than cuttings from roots, the highest rooted cuttings rate from branches were 77% and roots cuttings were 24.7%. The number of roots per cutting from branches cutting were 1.3-4.3 roots and roots cutting were 1.3-3.3 roots. The average length of new buds of cutting roots (2.4-11 cm) were more higher than cuttings from branches (1.1-4.5 cm). Levels of IBA didn't affect the rooted cuttings rate and average length of new buds but affect the number of roots per cutting. The potting components has significantly affected rooting rates of cuttings, the number of roots per branch and root cutting. They also had an influence on average length of new buds of branch cuttings but didn't affect average length of new buds of cutting from roots. Therefore, cutting from branches should be used in multiplication on *Melaleuca cajuputi* Powell, with potting components are 80% soil +10% rice husk charcoal +10% decomposed manure to have best result. Specially, in cuttings we may not be to use IBA.

Keywords: *Melaleuca cajuputi* Powell, potting component, IBA, cuttings from roots, cutting from branches.