Several Composition of Coconut Plantlet Acclimatization Media (*Cocos nucifera* L.)

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ABSTRACT

This research aims to determine several types of coconut (Cocos nucifera L.) *explant acclimatization media. This research was carried out on the grounds of the Jember State Polytechnic, East Java province and was carried out from July 2023 to December 2023. This research used a non-factorial randomized block design. The treatments obtained were P1 (1 top soil: 1 sand: 1 compost fertilizer), P2 (1 top soil: 2 sand: 1 compost fertilizer), P3 (1 top soil: 1 sand: 2 compost fertilizer), P4 (2 top soil : 1 sand : 1 compost fertilizer), which was repeated 6 times and each repetition consisted of 3 samples. The research was analyzed using ANOVA then further tested using BNJ level of 5%. The parameters observed in this research were live presentation, number of leaves, diameter and height of the plant. The results of this research show that several types of media have no effect on the percentage of life, number of leaves, stem diameter and plant height. Treatment P3 (1 Top Soil: 1 Sand: 2 Compost) gave the highest average value for each treatment parameter.*

Keyword : Coconut, Acclimatization, Planting Media