

PHYSIOLOGICAL STUDIES ON Livistonia chinensis , R . BR .

**2- EFFECT OF MEDIA AND FOLIAR NUTRITION ON
THE VEGETATIVE GROWTH**

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ABSTRACT

The response of Livistonia chinensis to different media in combination with various foliar nutrition concentration treatments was studied . Medium 1 (1 clay : 1 sand : 1 peat moss) increased the plant height , while medium 2 (1 clay : 1 sand : 1 dry chips of Eichhornia speciosa plants) gave the second value in this concern . But medium 3 (1 clay : 1 sand : 1 bean nut shell) produced the maximum number of main roots and roots fresh weight .

Concerning foliar nutrition , fulifertil at 0.6% increased the vegetative and root growth .

Combined foliar nutrition and media , fulifertil at 0.6% plus medium 1 or medium 2 produced the best vegetative growth . On the other hand , fulifertil at 0.6 + medium 3 gave the heaviest fresh weight and maximum number of the main roots / plant . Medium 1 or medium 2 with fulifertil at 0.6% raised the N% in the leaves .