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Effect of media on growth parameters of banana cv. POOVAN

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ABSTRACT : The present investigation on effect of media on growth parameters of banana cv. POOVAN was carried out at the Department of Horticulture, Faculty of Agriculture, Annamalai University during 2014-2016. The experiment was conducted in Completely Randomized Design with 13 treatments in three replications. The treatments consisted of three growing media (FYM, Rice hull, Sawdust), two biofertilizers (*Azospirillum* and VAM) with sand alone as control. The results of the study revealed that the pseudostem height, pseudostem girth and number of leaves produced sucker⁻¹ were favourably influenced by the treatment T₇ (FYM + VAM) followed by T₁₀ (FYM + Rice hull + VAM). Regarding root production, T₈ (Rice hull + VAM) was found to be the best treatment. Further more survival percentage of plants was higher in the treatments in which FYM was used as the regeneration medium along with VAM.

KEY WORDS : Growing media, Suckers, Biofertilizers, Growth parameters

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