

254/B

Identification of cost effective medium for oyster mushroom cultivation in Sri Lanka

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The growth, yield performance and cost effectiveness of using three different substrates were evaluated for the cultivation of two widely grown American oyster and Lanka oyster mushrooms (*Pleurotus ostriatus*). The experiment compared mycelial growth, time taken for the formation of fruiting bodies, marketable yield and cost benefit ratios in two harvests of two mushroom types under the three substrates with three replicates. Results indicated that saw dust and paddy straw at the rate of 1:1 as the most suitable substrate for American oyster mushroom while saw dust without mixing with paddy straw as the most suitable substrate for Lanka oyster mushroom.

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