



RESEARCH ARTICLE :

Development of suitable techniques for cultivation of paddy straw mushroom (*Volvariella volvacea*) on a commercial scale

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SUMMARY : The cost of production for ill-filled spawn is Rs. 4 as against Rs. 8 in sorghum grain spawn. In the existing system of bed preparation *viz.*, circular compact method, highest yield with 30.46 per cent biological efficiency was recorded in ill-filled paddy spawn with above said treatment, but in new method *viz.*, cylindrical polybag method, the same type of spawn with stripping off polybag on 7th day after bed preparation the biological efficiency was increased to 67.74 per cent. By adopting hanging rope system of bed storage about 50.0 and 52.7 per cent increased yield and income were recorded respectively, compared to rack system.

KEY WORDS :

Volvariella volvacea,
Additives, Pre-
treatments, Mother,
Bed spawn
preparation, Yield,
different cultivation
method

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