

MYCELIAL GROWTH AND FRUIT BODY PRODUCTION OF NEW HYBRID CULTURES OF DIFFERENT *PLEUROTUS SPECIES*

Rajesh Kumar Meena¹ and Anila Dhoshi²

Department of Plant Pathology, Rajasthan College of Agriculture Maharana Pratap University of Agriculture and Technology, Udaipur-313001 (Raj.) India

¹Department of Plant Pathology, RCA, MPUAT, Udaipur-313001 (Rajasthan)

²Department of Plant Pathology, RCA, MPUAT, Udaipur-313001 (Rajasthan)

Email: rajeshpatho@gmail.com

Abstract: *Pleurotus ostreatus* or oyster mushroom is an edible mushroom was cultivated from agricultural wastes. In present investigation, new hybrid cultures of different *Pleurotus* species obtained through inter species hybridization on malt extract medium and it was observed that the different hybrid cultures of P₂, P₃, P₅, P₆, P₇, P₈, P₁₀, P₁₁, P₁₂, P₁₄, P₁₆ and P₂₁ had given higher mycelial growth in diameter as compared to their Parent- I and Parent-II. Further, it was recorded that the fruit body production were observed in all newly developed hybrid strains except 12 strains

Keywords: *Pleurotus* spp., oyster mushroom, mycelial growth, and hybrid cultures

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