

Productivity and Proximate Composition of *Pleurotus flabellatus* Cultivated on Different Agro-Wastes

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Abstract: *Pleurotus flabellatus* was cultivated on selected agro wastes viz. soybean, paddy, green gram straw and their combinations in 1:1 proportion to study the productivity and nutritional content (moisture, crude protein, total carbohydrates, fat, crude fiber, ash and minerals like Ca, P, Fe.) of mushroom. Soybean straw, paddy straw and combination of soybean + paddy straw were found to be more suitable than green gram straw. The bioconversion of different agro wastes by *P. flabellatus* results into an improved human food.

Keywords: Proximate composition, *P. flabellatus*, Bio-efficiency, agro wastes

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