

THE INFLUENCE OF KINDS SPAWNS MEDIA ON THE GROWTH AND YIELD OF WHITE OYSTER MUSHROOM

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ABSTRACT

Research on the influence of kinds spawns media on the growth and yield of white oyster mushroom was conducted in village Klangon, Argosari, Sedayu, Bantul with altitude of 71 mdpl place from September 2017 until December 2017. This research was a research with experimental method. The treatment factor is single factor, that is experiment unit arranged in Randomized Completely Block Design (RCBD) with 3 treatments, 3 replicates, 5 samples so that there are 45 units of experiment units. Kind of treatment in the form of the use of media spawn of oyster mushrooms with mainstream media grain spawn, spawns of oyster mushrooms with mainstream media kernels of corn and the spawn of oyster mushrooms with mainstream media sawdust. Data obtained from the study were analyzed by variance analysis at 5% confidence level. The results of the use of oyster mushroom spawn with the main media of grainspawnand the main media of corn kernels on baglog medium mushrooms with the same composition gave the best mycelium growth.

Keywords: Kind of spawn medium, white oyster mushroom, growth and yield