***Application Dosage Waste Media Of Oyster Mushroom And Concentration Micro Organisms Local Fruits Of Growing And Production Of* Peanut**

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ABSTRACT

Research on aims to determine the effect of dose application media waste oyster mushrooms and concentration Micro organism Local fruits of growing and production of peanut. The research was conducted in field trials Sumbersari Tegal Gede subdistrict, Jember. The timing of this study started from September 2016 to February 2017. The research method used is a randomized block design (RAK) with two factors. The first factor (A) is the dosage of waste oyster mushrooms media with 4 dose levels ie 0 kg (A0), 4 kg (A1), 6 kg (A2) and 8 kg (A3). The second factor (B) is concentration MOL fruits with 3 levels ie without giving MOL (B0), 25 ml/liter (B1), and 30 ml/liter (B2), which comprises 12 combinations of treatments and 3 replications. These results indicate that treatment of fruit MOL showed significantly different results on the parameters of the total number of pods, pods pithy, heavy wet pods per plot, and the weight of dry pods per plot. Then highly significant result is showed on plant height parameter in 28 and 42 DAP (Day After Planting), the total number of nodules, nodules productive, seed weight. In the medium dose treatment of oyster mushrooms waste showed significantly different results on the parameters plant height in 42 DAP, the number of nodules productive, the total number of pods, and pods pithy. Highly significant results is showed in parameter of total nodules, fresh weight per plot, and the dry weight per plot, while the interaction between the two treatments were not significantly different effect on all parameters of observation.

Keywords: Arachis hypogea L.*, Micro Organism Local fruit, Waste media of oyster mushrooms.*