

Abstract

In order to evaluate the effect of different levels of quiksand, peat and Coco peat on quantitative and qualitative yield white button mushrooms factorial experiment 4×4 in template a completely randomized design with three replications, In Year 1393 in Zabol University Agricultural Research Institute Chahnimeh Done. Treatments were included treatment First Contains quiksand at four levels (zero, 10, 20, 30 percent) And the second Cocopeat in four levels (zero, 10, 20, 30 percent). The results showed that quiksand A significant effect The Property quantitative and qualitative characteristics button mushroom Such as Percent rise mycelium, yield, Biological efficiency, Protein Percent , Ash Percent , potassium, Phosphorus, Calcium and Sodium On the one percent level. Cocopeat levels have a significant effect The Property qualitative and quantitative characteristics of button mushroom Such as Percent rise mycelium, yield, Biological efficiency, Percent Protein, potassium and Sodium On the one percent level. Most economic performance 4908/4gr Treatment quiksand (20 Percent), Cocopeat (30 Percent) and (50 Percent) Pete Was obtained. Cocopeat quiksand and showed interaction The highest percentage of protein in mushrooms (41/51) In consumption (30Percent) quiksand, (30Percent) Cocopeat and (40 Percent) peat Was obtained. There was a significant difference compared to control treatment. The highest biological efficiency (24/54) Percent By application (20Percent) quiksand, (30 Percent) Cocopeat and (50 Percent) peat Was obtained. The results show the positive impact of quiksand The function button mushroom have And the use of 20 percent quiksand, Because reduced the use of Pete in trem of economically affordable too.



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**Evaluation of quiksand, peat and cocopeat different
levels on qualitative and quantitative yield of white
Button mushroom**

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