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# Effect of Ginger, Red Pepper, and Their Mixture in Diet on Growth Performance and Body Composition of Oscar, Astronotus ocellatus

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**Abstract :** The aim of this study was to estimate the effect of addition of ginger and red pepper and their mixture in diet on growth performance, survival rate and body composition of Astronotus ocellatus (Oscar fish). This study had been carried out for 8 weeks. For this reason 132 oscar fishes with intial weight of 2.44±0.26 (gr) were divided into 4 treatments with three replicate as compeletly randomize design test and fed by 100% Biomar diet (T1), Biomar + red pepper (55 mg/kg) (T2), Biomar + ginger (1%) (T3) and Biomar + mixture of red pepper and ginger (T4).The fish were fed in 5% of their body weight. The results showed T2 have significant differences in most of growth parameters in compare with other treatments, such as PBWI, SGR, PER and SR ($P < 0.05$), but there were no significant differences between treatments in FCR and FE ($P > 0.05$).

**Keywords :** red pepper, ginger, oscar fish, growth performance, body composition
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