

عنوان مقاله:

تأثیر توام تراکم و استراتژی های مختلف تغذیه ای بر عملکرد رشد و شاخص های هماتولوژیک ماهی کوی (Cyprinus carpio var. Koi)

محل انتشار:

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خلاصه مقاله:

In the present study, the effect feeding strategy and density on growth and hematological parameters of Cyprinus carpio var. Koi with (mean initial weight 3.24 ± 0.27 g) (Mean \pm Standard Error) for 45 days was investigated. For this purpose, 6 treatments with triplicate groups included high density (20 fish per tank) and satiation feeding, low density (10 fish per tank) and satiation feeding, high density (20 fish per tank) and 50% satiation feeding, low density (10 fish per tank) and 50% satiation feeding (10R), high density (20 fish per tank) and starvation (20S), Low density (10 fish per tank) and starvation (10S) were considered. Fish biometrics and measurement of growth and nutrition parameters were performed every 15 days. At the end of the experiment, blood sampling was performed to measure blood parameters. The results showed that in the growth parameters of Koi fish with the combined application of nutritional strategy in different densities, significant effect on weight factors and fish status factor were observed ($P < 0.05$). In growth parameters, C20 and C10 had higher values than other treatments. Also, by examining the results of fish blood analysis, there was a significant difference in the number of white blood cells, lymphocyte and neutrophil counts ($P < 0.05$). The results of current research showed satiation feeding at high and low density had a positive effect on .growth performance and hematological parameters of Koi fish

کلمات کلیدی:

کیور ماهیان، تراکم، تغذیه، گرسنگی

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