

عنوان مقاله:

Dietary effect of Lippia citrodora essential oil on some hematological, biochemical, growth performance and body composition of Cyprinus carpio Linnaeus, 1758

محل انتشار:

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خلاصه مقاله:

This study was conducted to evaluate the effects of different proportions of lemon bee brush essential oil on growth performance, carcass composition, and hematology and biochemical parameters of common carp (*Cyprinus carpio*). Common carp with an average weight of 8 ± 0.2 g were fed for one month with a diet supplemented with Lemon beebrush essential oil (0.15 and 0.3 ml) and with normal diet as controls. The growth performance, body composition, biochemical and hematological factors were measured on day 30. Results of the present study showed that specimens fed a diet supplemented with Lemon beebrush EO in both dosages noticeably increased final weight ($p < 0.05$). Group of fish fed on 0.15 and 0.3 LB in the diet had the lowest level in Hb and hematocrit indices ($P < 0.05$). Lipid content was lower in fish fed 0.15 LB supplemented diet and ash was decreased in fish fed both LB supplemented diet.

کلمات کلیدی:

Lemon beebrush, Carcass, Blood parameters, Common carp

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