

عنوان مقاله:

Heamatology, Serum Biochemistry, Relative Organ Weight and Bacteria Count of Broiler Chicken Given Different Levels of Luffa Aegyptiaca Leaf Extracts

محل انتشار:

مجله بین المللی تحقیقات پیشرفته زیست شناختی و زیست پزشکی, دوره 7, شماره 4 (سال: 1398)

تعداد صفحات اصل مقاله: 11

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خلاصه مقاله:

The objective of this study was to evaluate the heamato-biochemical, relative organ weight and bacteria count of broiler chicken given different levels of Luffa aegyptiaca leaf extract (LUF). A total of 250 day old Ross 308 broiler chicks of mixed sex were divided into five treatments, each group was further divided into five replicates each of ten (10) birds in a completely randomized design. Birds in treatment A were given 1.20g/litre of Neomycin in water, treatment B, C, D and E were given 5, 10, 15 and 20 ml/litre of LUF. Clean feed and water was given ad libitum and the experiment lasted for 3 weeks. The data obtained was used to evaluate the haematological parameters (PCV, RBC, Hb, WBC, MCV, MCH and MCHC), serum biochemical indices (Albumin, globulin, calcium, phosphorus, SGPT and SGOT), organ weight (liver, kidney, spleen, heart, lungs, pancreas and small intestine) and bacteria count (E.coli and Lactobacillus). Result obtained revealed that there was no significant differences ($p > 0.05$) in the haematological, relative organ weight, serum biochemical parameters and E.coli count obtained. However, there was a significant difference (p

کلمات کلیدی:

Luffa aegyptiaca extract, Broilers, haematology, organ weight, bacteria count

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