

The comparative effects of Probiotic and different levels of chicory (*Cichorium intybus* L.) on Carcass Characteristics, Blood Parameters and Intestinal Microbial Flora of Broilers

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This study investigated the comparative effects of Probiotic primalac and different levels of chicory (*Chicorium intybus* L.) on performance of broiler. A total of 225, day-old male broiler chicks (Ross 308) in five groups and 3 replicates each (15 birds for replicate) were used based a completely randomized design. The experimental treatments were: Basal diet (BD), BD , BD 0/1%, 0/15% and 0/2% chicory. At the end of the experiment, at age 42, two birds each pen close to a weighted average of replicates ed, and were slaughtered to evaluating carcass traits such as carcass can cook, breasts and thighs, liver and gallbladder and abdominal fat presents. Also, total protein, albumin, glucose, cholesterol, triglycerides (TG), HDL cholesterol, and LDL cholesterol were measured. The results of the recent experiment showed that there were not significant differences between the treatments for carcass characteristics except fat precent. Different levels of chicory treatments had the lowest fat precent (p0/05). There were no significant differences in lactobacillus count among treatments(P>0.05). The E. coli count in the all treatments was lower than control treatment (P

Keywords : Chicory (*Chicorium intybus* L.), broiler chicken, Carcass Characteristics, Blood Parameters, Intestinal Microbial Flora.

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