EFFECT OF ADDITION OF PROBIOTICS TO DIETS FOR DIFFERENT PERIODS performance OF BROILER ON PRODUCTIVE PERFORMANCE


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ABSTRACT

The objective of this study is to investigate the effect of adding constant levels of probiotics (BIOS B-Gold) Korean origin 1 gm probiotics / Kg diet for different period of birds life on productive performance of broiler by using 72 unsexed Ross/Turkish one day age broiler chicks bring from local hatcheries (Aljazera hatcheries). The birds were randomly distributed to four treatments in column batteries with three replicates per treatment (6 chicks/replicated). Probiotics supplemented into ration from the fourth day until the end of experiment in level 0 gm probiotics /Kg diet (T1), 1 gm probiotics /Kg diet (T2 T3 T4) respectively for different period to the end of experiment (42 day). The statistical analysis of the results showed that birds in T1 had significantly (P≤0.01) increased in body weight gained trait at the age of 21 days and T1 and T4 were significantly (P≤0.01) increased at 42 day. Food consumption was significantly (P≤0.01) increased in T1 when compared with T2 T3 at the age of 21 days, while at 42 day of age T1 and T3 were significantly (P≤0.01) increased compared with T2 and T4. We conclude that the probiotics (BIOS B-Gold) has no effects on productive performance.

Key words: Broiler, Probiotic, Performance, Nutrition.