

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 (6chicks/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 ($P \leq 0.01$) increased in body weight gained trait at the age of 21 days and ,T1 and T4 were significantly ($P \leq 0.01$) increased at 42 day , Food consumption was significantly ($P \leq 0.01$) 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 ($P \leq 0.01$) 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 .