Drink from Gac Fruit
(Samarnk) Supplemented with Tomato
(T. Mill.) and P. piawaa Pineapple
(L. Merr.) Juice

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ABSTRACT

The effect of supplementation in increasing levels of banana leaves incubated by T. viride in several terms on feed intake, daily weight gain, feed efficiency and carcass yield from Hubbard broiler chickens was studied. A total of 180 Hubbard broiler chickens aged 3 weeks were used for the research. The birds were randomly distributed into four treatments of long day of incubation (factor A) designated 0d, 5d, 10d, and 15d of incubation, and each group was fed on 5, 10 and 15% banana leaf meal (factor B) respectively, using completely randomized design in factorial arrangement. Each treatment was subdivided into three replicates of five chicks each, making a total of 36 replicates and 180 birds. The experiment terminated after 4 weeks at the age of 7 weeks, during which, feed intake, body weight gain, feed efficiency and carcass yield were measured. All experimental data were subjected to the analysis of variance test (ANOVA) followed by least significant difference test (LSD). Results showed that the daily feed intake was significantly (P<0.01) affected by incubation and levels of banana leaves, and the values was highest with treatment level 10% incubated 10 days (A10B10 =129.1 g/d). Also, the daily weight gain, feed efficiency and carcass yield were significantly (P<0.01) affected by dietary treatments and incubation, with the values of daily weight gain, feed efficiency, and carcass yield were highest on treatment A10B10 (232.57 g/d, 46.37%, 74.92%, respectively). Survival was 100% for all of the treatments. It can be concluded that banana leaves could be acceptable up to 10% levels that was incubated 10 days in broiler

Keywords: Banana leaves, incubation, carcass, broiler

functional drink, gac, polyphenol