

The Effect of Feeding Red Ginger as Phytobiotic on Body Weight Gain, Feed Conversion and Internal Organs Condition of Broiler

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Abstarc :

This experiment was conducted to know the production performance and organs condition of broiler fed supplemented with red ginger (*Zingiber officinale* Rosc) as phytobiotic, Two hundred broiler chickens of 5 days old were divided into 5 different feed treatment groups, namely: control feed without red ginger (R-0) and treatment feeds (R-0.5, R-1.0, R-1.5 and R-2.0 which were control feed with 0.5, 1.0, 1.5 and 2.0% red ginger, respectively). Each group was divided into 5 sub groups as replication, consisted of 8 chickens each. The chickens were raised for five weeks. All chickens were weekly weighed and feed consumption was daily measured in each sub-group. After 35 days old, the chickens were slaughtered then the breast muscle, liver, kidney and proventriculus were taken for histological observation. Data obtained were subjected to analysis of variance of Completely Randomized Design one way classification and Duncan's New Multiple Range Test. The result showed that the production performance of broiler fed supplemented with red ginger showed higher body weight ($p<0.05$), lower total feed intake ($p<0.05$). The use of 2% red ginger in the ration gave higher body weight, lower total feed intake and lowest changeover on the muscle, liver, kidney and proventriculus conditions.

Key Word :

Feed intake, organ, performance, red ginger

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