

Effect of Adding a Mixture Acidifiers (Lactic Acid) And Phytobiotics (Turmeric Extract) in the Form of Encapsulation on Commercial Feeds on Broiler Carcass Performance

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ABSTRACT

The aim of this work was to find out the effect of adding a mixture of acidifying substances (lactic acid) and phytobiotics (turmeric extract) packed in industrial feeds on the performance of broiler carcasses. This study used a completely randomized design (CRD). Data were analyzed by one-way analysis of variance (ANOVA). The study used 200 broilers divided into 4 treatment groups and 5 replicates, ie. P0 = industrial feed (control), P1 = commercial feed mixture and lactic acid extract 0.5%. packaged turmeric extract, P2 = industrial food mix of 1% lactic acid and packaged turmeric extract, P3 = commercial food mix of 1.5% lactic acid and packaged turmeric extract. The results showed that the addition of a mixture of acidifying agents (lactic acid) and phytobiotics (turmeric extract) did not differ statistically ($P>0.05$) in terms of live weight, slaughter weight and carcass percentage. sawn therefore. distribution and percentage of abdominal fat. Addition of encapsulated acidifier (lactic acid) and phytobiotic (cucumber extract) to the feed up to 1.5% did not have a negative effect on the carcass of broilers.

Keywords: *Lactic acid, turmeric extract, carcass performance*