

EFFECT OF TURMERIC POWDER (*Curcuma domestica*) AND SELIGI LEAVES POWDER (*Phyllanthus buxifolius*) ON FEED TO PERFORMANCE OF MALE BROILER CHICKENS

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ABSTRACT

One aspect that has started being researched at this time in order to improve the performance of poultry feed supplement is herbal. Turmeric and seligi leaves are examples of herbs that have been used for human needs. Both of these plants are believed to have efficacy in improving appetite and keep cholesterol levels in the body. Therefore, researchers are trying to combine the two types of plants in the form of flour added to the basal feed broiler chickens to improve broiler chickens performance. Turmeric powder and seligi leaves powder were given to broiler chickens with different concentrations in order to know the level of effectiveness. Researchers using broiler chickens as many as two-five, the five replications and five treatments. This treatment consists of a control P0, P1 the basal feed TK + 1% + 1% TDS, P2 basal feed TK + 2% + 2% TDS, P3 basal feed TK + 3% + 3% TDS and P4 basal feed + 4 % TK + 4% TDS. Supplementary feed was given at the time of broiler chickens aged four to five weeks. The results showed a significant difference ($p < 0.05$) between the control P0 as P1, P2, P3 and P4 are given treatment. P0 indicates normal performance of broiler chickens, while P1, P2, P3 and P4 showed a decrease in body weight and feed intake and feed conversion increase. Therefore, more research is needed in the provision of appropriate additional feed concentrations to obtain desired performance of broiler chickens.

Keywords : Broiler chicken, turmeric powder, seligi leaves powder, broiler performance.