ADDIION OF SELIGI LEAVES POWDER (*Phyllanthus buxifolius*) AND TURMERIC POWDER (*Curcuma domestica*) ON FEED TO DIGESTIBILITY OF CRUDE FIBER AND CRUDE FAT IN BROILER CHICKEN

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ABSTRACT

This study aimed to determine the effect of addition of seligi leaves powder (*Phyllanthus buxifolius*) and turmeric powder (*Curcuma domestica*) on feed to digestibility of crude fiber and crude fat in broiler chicken. Chickens fed BR1 during the starter and BR2 for the finisher. Chickens transferred in battery cages and adapted to treatment feed on the third week. The addition of seligi leaves powder and turmeric powder on feed respectively 0% (P0), 1% (P1), 2% (P2), 3% (P3), 4% (P4) was given from age 22 days to 35 days. The data was collected at the fifth week (for seven days) as a data consumption, feces weight and proximate analysis of the treatment feed and feces. Research using Completely Randomized Design with five treatments and four replications. Data were analyzed by Analysis of Variance (ANOVA) followed by the Multiple Range Test (Duncan's Multiple Range Test) with a significance level of 5%. The results showed significant differences (p<0.05) between the addition of seligi leaves powder and turmeric powder on feed to digestibility of crude fiber and crude fat in broiler chickens. Seligi leaves powder and turmeric powder on feed can be given at levels of 1% for broiler chicken.

Key words: phyllanthus, curcuma, crude fiber, crude fat, broiler chicken