POTENCY OF SELIGI (*Phyllanthus buxifolius*) LEAF AND TUMERIC (*Curcuma domestica*) POWDERS ON THE PERCENTAGE OF CARCASS AND ABDOMINAL FAT IN MALE BROILERS

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ABSTRACT

The aim of this research was to know potency of seligi (*Phyllanthus buxifolius*) leaf and turmeric (*Curcuma domestica*) powders on the percentage of carcass and abdominal fat in male broilers. This study used 20 male broilers (Hubbard) at 3 weeks old were obtained from local breeding farm (PT. Wonokoyo). This research used Completely Randomized Design with five groups and four replications. Data were analyzed by ANOVA. P0 as control, P1 used 1% of seligi leaf and 1% turmeric powders in feed formulation, P2 used 2% of seligi leaf and 2% turmeric powders in feed formulation, P3 used 3% of seligi leaf and 3% turmeric powders in feed formulation, P4 used 4% of seligi leaf and 4% turmeric powders in feed formulation. Result of this study showed there was significantly differences in use of seligi leaf and turmeric powders to the percentage of carcass, whereas they influenced significantly to abdominal fat percentage of male broilers. Conclusion of this study was seligi leaf and turmeric powders could not increase the percentage of carcass, but it could decrease the abdominal fat percentage. The best supplement for broilers was 1% in feed formulation.

**Key words:** *Phyllanthus buxifolius*, *Curcuma domestica*, carcass, abdominal fat, broiler