POTENCY OF BANANA (*Musa paradisiaca L. var sapientum*) AND MANGOSTEEN (*Garcinia mangostana L.*) PEELS FLOUR ON THE PERCENTAGE OF CARCASS AND ABDOMINAL FAT IN MALE BROILER

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ABSTRACT

This study aimed to determine the potency of banana (*Musa paradisiaca L.var sapientum*) and mangosteen (*Garcinia mangostana L.*) peels flour on the percentage of carcass and abdominal fat in male broiler.

Experimental animals used were male broilers of *Cobb strain CP 707* by 20 heads. Of a number of samples were randomized according to the pattern completely randomized design to four treatments (P0, P1, P2 and P3), each treatment with five replications. P0 treatment was feed commercially control (without the addition of banana and mangosteen peels flour). Treatment of commercially feed P1 + 10% banana peel flour. Treatment of commercially feed P2 + 10% mangosteen peel flour. Treatment of commercial feed P3 + 5% banana peel flour + 5% mangosteen peel flour.

The result showed that supplementative feeding with 5% banana and mangosteen peels flour showed significant effect ($p<0.05$) with control, 10% banana peel flour, and 10% mangosteen peel flour on abdominal fat percentage, while for the percentage of carcass did not show significant effect ($p>0.05$). Conclution of this study was that banana and mangosteen peels flour could not affect the percentage of carcass, but it could decrease the abdominal fat percentage.

Keywords : broiler, carcass, abdominal fat, banana and mangosteens peels flour.