UTILIZATION OF MIXTURE OF Virgin Coconut Oil BY PRODUCT AND HERBAL DRINK WASTE AS A FEED SUBSTITUTION ON THE CARCASS WEIGHT AND ABDOMINAL FAT PERCENTAGE OF BROILER

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ABSTRACT

This research was conducted to determine the effect of treatment using VCO (Virgin Coconut Oil) by product and herbal drink waste on the carcass weight and abdominal fat in broiler. 40 broilers were divided into groups of four, P0, P1, P2, and P3. Each group has 10 repetitions. P0 was given treatment without any mixture (control), P1 was given treatment with 12.5% mixture of VCO byproduct and herbal drink waste, P2 was given 25% mixture of VCO by product and herbal drink waste, P3 was given 50% mixture of VCO by product and herbal drink waste. Treatment started from when the chickens were 21 day old until the chickens were 35 day old. Feed was given twice a day with 100 gram/chicken/time. The obtained data was analyzed using Complete Randomized Design by looking for the analysis of variance (ANOVA) and continued with 5% Honestly Significant Design (HSD) test. The result showed that there is a significant effect in the treatment using mixture of VCO byproduct and herbal drink waste on the percentage of carcass weight and abdominal fat in broilers. P3 showed the best result for increase in carcass weight and reduction in abdominal fat in broilers compared with P1, P2 and P0.

Keywords: VCO, Herbal Drink, Carcass, Abdominal Fat