

***PERFORMANCE OF BROILER CARCASSES THAT GIVEN FEED WITH
VARIOUS TYPES OF OIL AS A SOURCE OF ENERGY RANSUM***

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ABSTRACT

The aim of this study was to determine the effect of oil types on the performance of broiler carcasses and find out which type of oil gives the best results to improve the performance of broiler carcasses. Data Analysis use a completely randomized design with 4 treatments and 5 replications. Food and drinks are given ad libitum. Rations are made with ISO energy proteins. The types of oil used are lemuru fish oil, coconut oil, tallow and palm oil. The results showed that the type of oil as a source of ration energy had a significant effect ($P < 0.05$) on weight gain, carcass weight and percentage of broiler carcass. The type of oil as a source of ration energy had a very significant effect ($P < 0.01$) on broiler food conversion and had no effect ($P > 0.05$) on food consumption, abdominal fat weight and percentage of broiler abdominal fat. The conclusion of this study is the type of oil as a source of energy ration affects the weight of broiler carcasses, where broilers that get lemuru oil ration produce higher carcass weight than broilers that get coconut oil ration, tallow, palm oil while the type of oil as a source of ration energy has an effect to the percentage of broiler carcasses, where broilers that get coconut oil and tallow rations produce a higher percentage of carcasses than broilers that get lemuru and palm oil rations.

Keywords: Broiler, Oil Type, Broiler Carcass Performance.