

Efficacy of Addition of Agarwood Leaf Extract (*Gynops versteegii*) in Feed Against the Performance of Broiler Carcasses Diplomatized in Open Cages

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ABSTRACT

*This study aims to determine the addition of aloes extract (*Gynops vestegii*) in feed on the performance of broiler chicken carcasses that are kept in open cages as a source of antioxidants with different concentrations on the performance of broiler carcasses. Agarwood Leaf Extract contains active compounds agarospirol. The research method applied was Completely Randomized Design (CRD). Each treatment contained 5 replications so that there were 200 broilers. The treatments used consisted of P0 as a control (without agarwood leaf extract), P1 (250 mg / kg BW), P2 (300 mg / kg BW), and P3 (350 mg / kg BW). The testing parameters consisted of live weight, carcass weight, carcass percentage, and percentage of abdominal fat. This research uses Analysis of Variance (ANOVA). The results showed that the addition of agarwood leaf extract (*Gynops vestegii*) as a source of antioxidants had no significant effect ($P > 0.05$) on the final maintenance weight, carcass weight, percentage of carcass, and percentage of abdominal fat. The results of the study concluded that the addition of aloes extract (*Gynops vestegii*) in the feed could not affect the performance of the carcass broiler.*

Keywords: broiler, agarwood leaf extract, carcass performance