

***Effect of Addition of Agarwood Leaf Extract (*Gynops versteegii*) To Reduce Heat Stress On The Performance of Broiler Production***

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***ABSTRACT***

This research aims to determine the effect of adding agarwood leaf extract to reduce heat stress conditions on the performance of *broiler* production. The experimental design used was completely randomized design (CRD) and analysis of variance (ANOVA) test using 200 male and female *broilers* aged 25 days divided into 4 treatment groups with different levels of agarwood leaf extract ie P0 (control), P1 (250 mg/kg body weight), P2 (300 mg/kg body weight), and P3 (350 mg/kg body weight) with 5 replications and each test contains 10 *broilers*. The parameters observed were feed consumption, body weight gain (PBB), feed conversion, and mortality. The result showed that the addition of aloes extract had no significant effect ( $P>0.05$ ) on feed consumption, weight gain (PBB), feed conversion, and mortality. The result of the study it can be conclude that the addition of agarwood leaf extract as a source of antioxidants in *broilers* has not been able to anticipate stress due to high cage temperatures, by showing the result of feed consumption, weight gain, feed conversion and mortality that are still the same as controls.

*Keywords: Broiler, Agarwood Extract, Performance Production*