

**EFFECT OF ADDITION OF CURCUMA RHIZOME (*Curcuma xanthorrhiza*
Roxb.) AND MANGOSTEEN PEEL (*Garcinia mangostana* L.) INFUSION
FOR DRY AND ORGANIC MATERIAL DIGESTIBILITY
IN BROILER WITH HEAT STRESS CONDITION**

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ABSTRACT

The research is conducted to determine the effect of *Curcuma* and *Mangosteen* peel infusion for dry and organic material digestibility on Broiler with heat stress condition. The material that used in this research is 20 Broilers. The experiment was arranged in completely randomized design in four treatment 0% *Curcuma* and *Mangosteen* peel infusion, 5% *Curcuma* infusion, 5% *Mangosteen* peel infusion, combinaton 2.5% *Curcuma* infusion and 2.5% *Mangosteen* infusion. Variable measured were dry and organic material digestibility. Data's were subjected to analysis of variance (ANOVA) of the completely randomized design. Statistical analysis showed that the treatment did not significantly influence ($p > 0.05$) for dry and organic material digestibility on Broiler heat stress condition. The conclusion are the addition 5% of *Curcuma* (*Curcuma xanthorrhiza* Roxb.) and *Mangosteen* peel (*Garcinia mangostana* L.) infusion can not increase dry and organic material digestibility on Broiler heat stress condition.

Keywords: broiler, *curcuma* infusion, *mangosteen* infusion, dry material, organic material, heat stress