

***Turmeric Herbal Giving Effect (*Curcuma domestica vahl*) to
Various Phases of Production Performance and Quality
And Broiler Carcass Quality***

**Kinanjari Laksamana Fadli
Poultry Business Management Study Program
Animal Husbandry Department**

ABSTRACT

*This study aims to determine the effect turmeric powder (*Curcuma domestica vahl*) at different phases on production performance and broiler carcass quality. The research method applied is Completely Randomized Design (CRD). Each treatment had 5 replications so that there were 100 broilers. The treatments used consisted of P0 as control (without giving turmeric powder herbal), P1 (giving turmeric powder herbal in the starter phase), P2 (giving turmeric herbal powder in the finisher phase), and P3 (giving turmeric powder herbal in the starter and finisher phases).). The test parameters consisted of feed consumption, body weight gain, feed conversion, and broiler carcass. The results showed that the administration of 2% turmeric powder in drinking water had a significant effect ($P < 0.05$) on broiler body weight gain during rearing. Giving turmeric powder can be given in the initial period to increase body weight gain and can be given in the starter and finisher periods to get the best carcass percentage.*

Keywords: broiler, turmeric flour, performance, carcass, carcass percentage