

The Influence Of Kencur Powder Utilization (*Kaempferia galanga Linn*) In Feed To The Performance And Carcass Quality Of Broiler Chicken

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ABSTRACT

The aimed of this research was to find out the influence of kencur powder utilization in feed to the performance and carcass quality of broiler chicken. The materials used are 96 broiler chicken. This research uses a Completely Randomized Design (CRD) directional pattern with 6 treatments and 4 times repetition. Each units of experiment or repetition consists of 4 broiler chickens. Kencur powder mixed with commercial starter feed (age of 0-21 days) and commercial finisher feed (age of 22-35 days) with concertration of P0 (control), P1 (1,4% of kencur powder), P2 (1,6% of kencur powder), P3 (1,8% of kencur powder), P4 (2,0% of kencur powder), and P5 (2,2% of kencur powder). Kencur powder furnishing done at the age of days untill the age of 35 days during the breeding.

Parameters meassured were feed intake, body weight gain, feed conversion, carcass percentage and abdominal fat percentage of broiler chicken.

The datas obtained were processed with variant statistical Analysis,if there is any treatment that significantly affected and very significantly affected, therefore fest continued to honestly Significant Difference (HSD). Administrative results of this research : kencur powder mixed with feed significantly affects on feed intake ($P<0,05$), significantly affects to body weight gain ($P<0,05$), and a significantly affects on feed conversion ($P<0,05$), but not significantly affects to carcass percentage and abdominal fat percentage ($P>0,05$).

Keywords: Broiler, feed intake, body weight gain, feed conversion, carcass percentage, abdominal fat percentage and kencur