

THE EFFECT OF BINAHONG (*Anredera cordifolia* (Ten.) Steenis) LEAF MEAL SUPPLEMENTATION ON PHYSICAL QUALITY OF COCKEREL MEAT

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ABSTRACT ^{*)}

This study aimed to determine the effect of binahong leaf meal supplementation on the physical quality of cockerel meat. The study was conducted in November 2018-January 2019 in laboratory of Animals Husbandry Faculty of Agroindustry University of Mercu Buana Yogyakarta. The Research design used a completely randomized design (CRD) one way analysis of variance, with 4 treatments and 3 replications (each replication consisted of 5 chickens). Each treatments were 4 different levels of binahong leaf meal in ration, namely: P0 (0%), P1 (0.2%), P2 (0.4%) and P3 (0.6%). The data were analyzed by Analysis of Variance (ANOVA), significantly different from the result continued tested by Duncan's Multiple Range Test (DMRT). Observation variable include the pH of the meat, water holding capacity (WHC), cooking loss and meat tenderness. The results showed that the average PH value of meat were, P0 5.98; P1 6.10; P2 6.01 and P3 6.05, water holding capacity P0 27.30; P1 19.79; P2 20.77 and P3 23.48, %. cooking losses of meat P0 27.17; P1 26.72; P2 23.44 and P3 27.26, %. tenderness of meat P0 1.5; P1 1.69; P2 1.70 and P3 1.76, kg/cm². From the result of the research concluded that the binahong leaf meal supplementation did not influence physical quality of cockerel meat.

Keywords : cockerel, binahong leaf meal, physical quality of meat.

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