THE EFFECT OF COMBINATION SUPPLEMENTATION OF TURMERIC FLOUR AND SAMBILOTO FLOUR ON THE PERFORMANCE OF LAYING AGED 24-29 WEEKS

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ABSTRACT*

This research was conducted to study the effect of the supplementation of turmeric flour and flour sambiloto on production performance of laying hens aged 24 to 29 weeks. This research was conducted in March 20 to April 20 in the cage CV Berkah Mandiri Karangcengis village Bukateja sub-district Purbalingga district. the method used is a randomized design (RAL) directional pattern with 5 treatments namely turmeric flour and bitter powder 0 g/kg, 5 g/kg, 10 g/kg, 15 g/kg dan 20 g/kg, each treatment was repeated 3 times each repetition consisting of 10 laying hens aged 24 Weeks the data obtained were analyzed using analysis (ANOVA), if the results obtained were significantly different then continued with the Duncan's Multiple Range Test (DMRT). obaservation variables include feed intake , han day average (HDA) egg weight and feed conversion the results showed a mean feed intake in a row 117,45g/head/day; 107,15g/head/day; 109,77g/head/day; 107,69g/head/day; dan 110,59g/head/day. The average hen day averages for T1, T2, T3, T4 and T5 are 91,71%; 85,49%; 87,90%; 80,67% dan 83,87%. The average feed convention in a row is 53,58g/item; 48,74g/item; 51,12g/item; 46,93g/item; dan 49,27g/item. The average feed conversion in a row is 2,18; 2,19; 2,14; 2,29 end 2,26. Based on the results of the study it can be concluded that feeding with bitter supplementation sambiloto flour and turmeric flour in layer chicken rations up to the level of 20g / kg does not affect feed intake, HDA (hen day average) egg weight and feed conversion.

keywords: egg production, turmeric flour and sambiloto flour, laying hens

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