POTENTIAL CHLORELLA AND RUMEN CONTENT MEAL AS CORN SUBSTITUTION ON PERFORMANCE BROILER

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ABSTRACT

This study was conducted to evaluate the potential chlorella and rumen content meal as corn substitution on performance broiler chick include the consumption feed, heavy accretion of body, and conversion rate of feed. Twenty-eight broiler chick were randomly divided into four dietary treatments and seven replicates per treatment. The control group (P0), were fed with BR1 and 10% of corn. The others were fed BR1 and 10% of rumen content meal (P1); BR1, 10% of rumen content meal and 5% of chlorella (P2) and another supplemented with 7.5% chlorella (P3). The experimental diets were fed for two weeks in finisher period. The result were statistically analyzed through analysis of variance (ANOVA). If the significant difference were found among each treatment, analysis would be continued by Duncan’s Multiple Range Test. The result of research indicated that chlorella and rumen content meal combination as corn substitution was significant increasing on performance broiler include consumption feed, heavy accretion of body, and conversion rate of feed.

Key words: chlorella, rumen content meal, consumption feed, heavy accretion of body, conversion rate of feed