USE OF RUMEN CONTENT MEAL WAS FERMENTED BY RHIZOPUS OLGOSPHORUS ON THE PERFORMANCE OF BROILER

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ABSTRACT

The experiment tried to make benefit of rumen content meal was fermented by Rhizopus Oligosphorus for broiler chickens. The measured parameters were feed consumption, the body weight gain, and feed conversion. Twenty broiler chick were randomly devided into five dietary treatments and four replicates per treatment. The control group (P0), were fed with 511 Bravo 90% and 10% of corn. The others were fed 511 Bravo 90% and 10% of rumen content meal (P1) ; 511 Bravo 90% and 10% of rumen content meal was fermented by Rhizopus Oligosphorus 1% (P2) ; 511 Bravo 90% and 10% of rumen content meal was fermented by Rhizopus Oligosphorus 2% (P3) ; 511 Bravo 90% and 10% of rumen content meal was fermented by Rhizopus Oligosphorus 3% (P4). The experimental diets were fed for two weeks in finisher period. The result were staticcally 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 rumen content meal was fermented by Rhizopus Oligosphorus was significant increasing on consumption feed. For the body weight gain on rumen content meal was fermented by Rhizopus Oligosphorus was significant increasing whereas that rumen content meal content meal was fermented by Rhizopus Oligosphorus 2% and 3% was reducing the body weight gain. Feed conversion on rumen content meal was fermented by Rhizopus Oligosphorus 1% was significant reducing whereas that rumen content meal content meal was fermented by Rhizopus Oligosphorus 2% and 3% was increasing in feed conversion .

Key words : Rhizopus Oligosphorus, rumen content meal, performance, broiler chickens.