CRUDE PROTEIN AND CRUDE FIBRE OF RUMEN CONTENT MEAL WERE FERMENTED BY *RHIZOPUS OLIGOSPORUS*

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ABSTRACT

This study were conducted to find out the crude protein and crude fibre of rumen content meal which were fermented by *Rhizopus oligosporus*. For design study was Completely Randomized Design with four treatments and five replications. Four treatment groups were, P0 was 100 g rumen content meal added 0% *Rhizopus oligosporus*, P1 was 100 g rumen content meal added 1% *Rhizopus oligosporus*, P2 was 100 g rumen content meal added 2% *Rhizopus oligosporus*, P3 was 100 g rumen content meal added 3% *Rhizopus oligosporus*. Proximate analysis were done after rumen content meal fermented for five days. The data were analyzed with Analysis of Variance follow by Duncan’s Multiple Range Test. The result showed that the effect of 1% *Rhizopus oligosporus* could increase crude protein of rumen content from 8.9678% (P0) became 10.0396% (P1) and rumen content meal of 0%, 1%, 2% and 3% *Rhizopus oligosporus* could not reduce crude fibre.

*Key words*: rumen content meal, fermented, *Rhizopus oligosporus*