FAT DIGESTIBILITY VALUE OF FRESH FORAGE COMBINE WITH FORMULATED CONCENTRATE AND UREA MOLASSES BLOCK BY RAMBON CATTLE

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ABSTRACT

The aim of this research was to determine the digestibility value of fat of fresh forage, formulated concentrate and urea molasses block fed to beef cattle. Experimental animals used in this study were 21 female Rambon beef cattle. This research was conducted by providing various combination of feed to experimental animal, using completely randomized experimental design with three treatments and seven replications as time of feces collection. Three treatments of group were P0 as control group, while P1 and P2 as treated groups as follows: P0 fed with fresh forage, P1 fed with fresh forage and formulated concentrate and P2 fed with fresh forage, formulated concentrate and urea molasses block. The result of the study showed significantly differences (p<0.05) between three treatments group. The best result of fat digestibility showed by P2 as 98.86% significantly different to P1 as 98.13% while lowest result was P0 as 97.52%.

Keyword(s): fresh forage, formulated concentrate, urea molasses block, fat digestibility, Rambon cattle