

THE CRUDE FIBER DIGESTIBILITY VALUES OF
VARIOUS COMPLETE FEED
BY BEEF CATTLE

Dienal Rizkafitri Adinda

ABSTRACT

The aim of this research was to determine the different levels of various complete feeds on the digestibility value of crude fiber by beef cattle. The research was conducted on three female beef cattle, two years old and the average weight of 339 kg. The experimental that's used was the completely randomized design with three treatments and seven replications. The treatments were BC0 as control feed, BC1 and BC2 as complete feeds, and the replications were the number of days of faeces collections. The feed and fecal samples were analyzed by *Weende System of Proximate Analysis* method to obtain their crude fiber percentages. The data were analyzed by Analysis of Variance (ANOVA) and the mean differences among treatments were tested by Duncan's Multiple Range Test. The software was used to analyze the data was Statistical Product and Solution Service 20 (SPSS 20). The results of this research showed that various complete feeds had different levels of crude fiber digestibility values ($p < 0.05$). The feed with the highest digestibility value of crude fiber was complete feed BC2 and the lowest was control feed BC0.

Key words: crude fiber, digestibility value, complete feed, beef cattle