

THE EFFECT OF COMPLETE FEED ON PROTEIN DIGESTIBILITY VALUES IN DAIRY COWS

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ABSTRACT

The aim of this research was to compare the differences in protein digestibility values by providing complete feed R1, R2 and conventional feed in dairy cows. The research was conducted on three female Fresian Holstein cross cows in two until four month lactation period. Research design was completely randomized design with three treatments and seven repetitions which was divided. Three treatment groups were P0 which controlled feed, P1 and P2 which complete feed which have been patent composition. The data was analyzed with Analysis of Variant (Anova) method, and for different mean between the treatments was tested by Duncan's multiple range test. The software that was used to analyze the data is windows Statistical Program of Social Science 21 (SPSS 21). The result of protein digestibility value showed that P2 has a high protein digestibility value and P0 has a low protein digestibility value.

Keyword : complete feed, protein digestibility