The Effect of Various Complete Feed toward the Digest Ability of Dry Matter and Crude Protein to Dairy Cattle.

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ABSTRACT

The purpose of this research is to examine and determine complete feed for dairy cattle to obtain feed with digest ability of the best dry matter and the best crude protein.

In this research we used 21 dairy cattles as experimental animals, the 21 of dairy cattle got seven treatments and three repetitions which was divided randomly.

In the F1 treatment of Basic complete feed which is consist of forrage and pellet, and F2-F7 of Basic complete feed that was added patent formula. When the treatments begun the amount of feed that was given are 12 kg which in the morning six kg and in the afternoon six kg.

The design of research which is used is completely randomized design. Data digest ability of dry matter and crude protein that was obtained from the research was analyzed with Anava method, and for the different mean between the treatments that was tested by Duncan’s multiple range tests. The software that was used to analyse the data is windows statistical program for social science 13 (SPSS 13).

The result of the research showed that various complete feeds have an effect toward dry matters and harsh protein. Feed that produced digest ability of the best dry matter and the best crude protein was F5 and feed that produced digest ability of the worst dry matter and the worst crude protein was F3.

Key words : digest ability of dry matter, digest ability of crude protein.