INFLUENCE OF VARIANT COMPLETE FEED CRUDE PROTEIN TO
WARDS MILK FAT CONCENTRATION ON DAIRY CATTLE

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ABSTRACT

The purpose of this research was to find out the influence of crude protein from variant complete feed with different extra formula on each variety that can influence milk fat concentration on dairy cattle. 21 female Friesian Holstein average weight 400 kg, lactating on 4th – 5th month, average milk production 10 litre per day. Complete feed with F1, F2, F3, F4, F5, F6, and F7 formulas were used. Using the complete random design, and the experimental dairy cattle were split into seven test, each test was repeated three times. collected data was analyzed with Windows Statistical Program for Social Science 11.5 software (SPSS 11.5). The result of the research showed that variant complete feed were not significant toward influence milk fat concentration (p>0.05). All Formulas were able to increase milk fat concentration on dairy cattle. The highest milk fat was on F4 test that with 4.83% and the lowest on F1 test with 3.87%.

Key words: complete feed, milk fat, crude protein, dairy cattle.