

CONVERSION OF CRUDE PROTEIN AND CRUDE FAT OF MANY COMPLETE FEEDS TO TOTAL MILK PROTEIN AND MILK FAT OFFSPRING ETAWA DAIRY GOAT

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ABSTRACT

The purpose of this research was to examine the crude protein and crude fat effect of complete feeds with different formula toward every kind of them to total milk protein and total milk fat. Subject which used in this research were 20 offspring Etawa dairy goat of 2-3 years old with body weight of 38 kg, were divided into 4 groups each group was repeated five times. The substances which were use are control feed F0 and complete feed with formula F1, F2, F3. The design that is used is complete randomize design. The Obtained data was analyzed by Windows Statistical Program for Social Science 13 software (SPSS 13). The result of the research showed that conversion of feed crude protein to total milk protein, F0 was significantly different with F3 and conversion of feed crude fat to total milk fat, F0 was significantly different with F2 and F3 ($p < 0.05$). The best feed crude protein and crude fat conversion to total milk protein and milk fat were F3 ($p < 0.05$).

Key words: Complete feed, Conversion, Total milk protein, Total milk fat, Offspring Etawa dairy goat