

PROTEIN DIGESTIBILITY VALUE OF COMPLETE FEED ON JAVANESSE FAT TAILED SHEEP

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ABSTRACT

The aim of this research was to determine the best complete feed that has a good protein digestibility values are expected to increase the productivity of javanese fat tailed sheep. The research was conducted on three female javanese fat tailed sheep in two years old. Research design was completely randomized design with three treatments and seven replications which was divided. Three treatment groups were D0 which controlled feed, D1 and D2 which complete feed with patent composition. The data was analyzed with *Analysis of Variant* (Anova) method and for the different mean between the treatments that was tested by Duncan's multiple range test. The software that was used to analyze the data is windows Statistical Program for Social Science 21 (SPSS 21). The result showed that protein digestibility value of complete feed on fat tailed sheep was different significant ($p < 0.05$). The treatment D2 has a high protein digestibility value (89.14%) than D1 that has value at 84.95% and D0 has a low protein digestibility value (70.95%).

Keyword : complete feed, protein digestibility, javanese fat tailed sheep