

THE EFFECT OF VARIOUS COMPLETE FEED TO DRY MATTER CONSUMPTION AND MILK PRODUCTION OF DAIRY CATTLE

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ABSTRACT

The aim of this research was to find out the effect of complete feed to dry matter consumption and the best milk production of dairy cattle. This research was conducted on 21 female Friesian Holstein dairy cow with average weight 400 kg, while 4th month to 5th month of laktation period and average milk production 10 liter daily. Treatments group were consisted of formula complete feed F1, F2, F3, F4, F5, F6 and F7. This research used the Completed Randomized Design with seven treatments and three replications. The data were analyzed by Anova and had been evaluated with Duncan's method for average different among the treatments and computed with SPSS computer software program. The result of this research that the various complete feed is insignificant to dry matter consumption and the formula complete feed F1, F2, F3, F4, and F6 could increase milk production. Formula complete feed F1 result the highest milk production than F2, F3, F4, and F6.

Key words : completed feed, dry matter, milk production, dairy cattle