NUTRIENT CONTENT OF SILAGE COMPLETE FEED BASED ON CORN *(Zea mays)* STRAW WITH DIFFERENT TIME INCUBATION DURATION

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ABSTRACT*)

This study aims to determine the length of different incubation to the nutrient content of complete feed silage of corn straw. This research was conducted on May 18 - July 11, 2018, which was held in two places. Implementation of silage making of corn straw and incubation of sample was done in Pelem Kecut, Catur Tunggal, Depok, Sleman, Yogyakarta for sample incubation, while for nutrient content analysis at CV. Chem-Mix Pratama Bantul Yogyakarta. This study uses Completely Randomized Design (CRD) with 3 treatments and 3 replications. Treatment of P0 silage without incubation, P1 silage incubation 7 days and P2 silage incubation 14 days. The variables observed were dry matter content, crude protein, crude fiber, crude fat, ash and BETN. Data was analyzed by Analysis Variance (ANOVA) confidence level 95%, if there were significant different continued by Duncan's New Multiple Range Test (DMRT). The results of the analysis of variance showed that the incubation period significantly affected (P<0,05) the average dry matter content P0 67.58, P1 77.43 and P2 72.67, crude protein P0 18.14, P1 9.90 and P2 12.75, crude fiber P0 25.51, P1 25.32 and P2 31.36, crude fat P0 0.77, P1 2.05, P2 2.16 , ash content P0 17.93, P1 12.36 and P2 16.30 and BETN P0 37.54, P1 50.45, and P2 39.96. Based on the results of the study and discussion it can can be concluded that the 7-day incubation period gave the best results for complete feed silage nutrient content made from corn straw.

Key words : Corn Straw, Complete Feed Silage, Nutrient, Long of Incubation.

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