

***THE EFFECT OF CALCIUM CARBONATE GIVING ON DRINKING
WATER ON THE PRODUCTION OF CHICKEN EGGS***

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ABSTRACT

This study was conducted to determine the effect of calcium carbonate in drinking water on the production of hen eggs. This research was conducted in Mr. Timbul's cage using 100 chickens aged 51 weeks. This study used a completely randomized design (CRD) experimental method with 4 treatments and 5 replications. The data obtained were analyzed by Analysis of Variance (ANOVA). If there are results that are significantly different ($P < 0.05$), then proceed with Duncan Multiple Range Test (DMRT). The treatments were, P0 (without CaCO_3), P1 (0,1 g / l CaCO_3), P2 (0,2 g / l CaCO_3) dan P3 (0,3 g / l CaCO_3). The parameters measured were egg production and egg weight. The results of analysis of variance showed that the administration of CaCO_3 in water had no effect on egg production of hen chicken. So it can be concluded that the administration of CaCO_3 in drinking water up to 0,3 g / l had no significant effect on egg production and egg weight.

Keywords : *Laying hens, Calcium Carbonate, Water, Egg Production, Egg Weight*