

INCREASE OF THICK SHELL AND WEIGTH EGG AT LAYERS WITH LOW PROTEIN FEED WHICH SUBSTITED CRUDE CHLORELLA

Aprilya Hadi Dwi Anjayani

ABSTRACT

The aim of this research to know increase of thick shell and weight egg at layers after substituted with crude chlorella for low protein. This study used 28 chickens from Lohman strain 16 weeks of aged with 1,4 kg ratio weigth. The design of the study was completely randomized design with four treatment and seven repetitions. This namely i.e: P0, P1, P2, and P3. P0 given basal feed type CP 524-2 with value of crude protein eighteen percents. P1 given low protein feed with value of crude protein fourteen percents. P2 given feed from P1 which substited with chlorella mash as many as 0,25 percent. P3 given feed from P1 which substited with chlorella mash as many as 5 percents. The data was analysis of varian (ANOVA). If found the difference of real to any treatment to continue with Duncan test. The result of research showed that thick shell and weight egg of substituted with chlorella were significantly different ($P < 0,05$)

Key words : *Chlorella*, layers, thick shell, weight egg.