THE COMPARISON OF TEN DAYS OLD EGGS FROM DIFFERENT LAYER STRAIN ON SHELL THICKNESS, WEIGH LOST, AND HAUGH UNIT VALUE

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ABSTRACT

The objective of this research was to find out the comparison of ten days old eggs shell thickness, weight lost, and egg haugh unit value of different layer strains. Layer strains to use in this research were isa brown and lohman brown strains. 50 egg samples were taken from each strain from layer of 58 weeks old. This research was conducted in Mulawarman egg chicken farming in Tegal Sari village of Gading Rejo sub district, in Pringsewu district, and in Animal Production and Reproduction Laborator, in Animal Husbandry Departement of Agriculture Faculty in Lampung University in April 2015. Eggs from each strain were stored for ten days. Data were tested by using t-student test with 5% trust level. The result showed that egg weight lost from lohman brown strain was significantly lower (P<0.05) than isa brown strain, while Haugh Unit value with B quality and shell thickness from both strains were not significantly different (P>0.05) at ten days storage.

Keywords: Shell thickness, egg weight lost, haugh unit value, and the different layer strains