

ABSTRACT

THE EFFECT OF CHICKEN AGE ON HATCHING POWER OF BALIBANGTAN SUPERIOR VILLAGE CHICKEN EGGS (KUB)

This study aims to determine the effect of the age of the laying hen on the hatching power of Kampung Unggul Balibangtan (KUB) eggs. This study used a Completely Randomized Design (CRD) analysis method with a one-way pattern consisting of three treatments of the age of the laying hen, namely P1 (28 weeks), P2 (32 weeks), and P3 (48 weeks), each with 6 replications and 10 eggs per replication. The parameters observed included hatching loss and hatchability. The results of the analysis showed that the age of the mother hen had no significant effect ($P > 0.05$) on the hatchability of Balitbangtan's superior village chicken (KUB) eggs. The hatchability in P1 was 75%, in P2 it was 80%, and in P3 it was 73.3%. Meanwhile, the different ages of \ hens had a significant effect ($P < 0.05$) on hatching losses. The highest average hatching loss occurred in P2 18.33% and the lowest in P3 15.55%. This study result that the age of the parent hen did not significant effect ($P > 0.05$) on hatching power but was significantly different ($P < 0.05$) on hatching losses.

Keywords : KUB chicken, Hen Age, Hatchability, Egg weight loss