

***The Effect Of Adding Areca Nut Seed Flour (Areca Catechu L.) as A Feed Additive  
In Feed On The Blood Profile Of Balitbangtan Superior Village Chickens***

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***ABSTRACT***

*This study aims to determine the effect of adding areca nut seed flour (Areca catechu L.) as a feed additive on the blood profile of Balitbangtan Superior Village Chickens. The study used 100 Balitbangtan Superior Village Chickens (KUB), divided into 20 experimental units with 5 treatments and 4 replications. Blood samples were taken from one chicken in each experimental unit. The parameters observed included blood hematology: hemoglobin, erythrocytes, hematocrit, mean corpuscular volume (MCV), mean corpuscular hemoglobin (MCH), mean corpuscular hemoglobin concentration (MCHC), leukocytes, neutrophils, lymphocytes, monocytes, and thrombocyte. Data analysis in this study used a Completely Randomized Design (CRD) method and Analysis of Variance (ANOVA) with a one-way pattern. If significant differences were found, further tests would be conducted using Duncan's Multiple Range Test (DMRT). Based on the hematological analysis results, the addition of areca nut seed flour (Areca catechu L.) showed no significant effect ( $P>0.05$ ) on the blood profile of Balitbangtan Superior Village Chickens (KUB).*

***Keyword:*** *Areca Nut Seed, KUB Chicken, blood profile*