

***The Effect of Giving Fermented Rubber Seed (*Hevea brasillensis*)  
Using *Rhizopus sp* and *Neurospora* as Mixed Feed Ingredientson  
On the Blood Profile of Native Chickens***

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**ABSTRACT**

*This study was conducted to evaluate the effect of the addition of fermented rubber seed flour using *Rhizopus sp* and *Neospora* as a mixture of feed ingredients on the blood profile of native chickens. This study used 90 native chickens divided into 15 experimental units with 3 treatments and 5 replicates. Blood samples taken amounted to 9 chickens with female sex. Using RAL (Completely Randomized Design) method and ANOVA (Analysis of Variance) test. If there is a significant difference ( $P < 0.05$ ) then it will be continued with the Smallest Real Difference (BNT) test. The treatments in this study were P0 (control) P1 (*Rhizopus sp* 5%), P2 (*Neurospora* 5%). The parameters measured were Hemoglobin, Erithrocytes (RBC), Hematocrit, Mean Corpuscular Volume (MCV), Mean Corpuscular Hemoglobin (MCH), Mean Corpuscular Hemoglobin Concentrate (MCHC), Leukocytes (WBC), Neutrophils, Lymphocytes, Monocytes, Platelets. Based on the results of this study that the provision of rubber seed flour using *Rhizopus sp* 5% and *Neurospora* 5% fungi in feed rations had no significant effect ( $P > 0.05$ ) on the blood profile of native chickens. The research that has been carried out shows that the provision of fermented rubber seeds with the genus *Rhizopus sp* and *Neurospora* with 5% levels in the feed ration does not cause negative effects on the health and blood profile of native chickens.*

**Keywords:** *native chicken, rubber seed, rhizopus sp, neurospora, blood profile.*