

Addition of Flour Fermented Rubber Seeds (*Hevea brasiliensis*) Using *Rhizopus* Sp and *Neurospora* as a Feed Mixture on the Weight of Lymphoid Organs and Liver of Native Chicken (*Gallus gallus domesticus*).

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ABSTRACT

*This study was conducted to evaluate the effect of adding fermented rubber seed flour using *Rhizopus* sp and *neurospora* as a feed mixture on the weight of lymphoid organs and liver of native chickens. This study used 90 native chickens divided into 15 experimental units with 3 treatments and 5 replicates. 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 Duncan Multiple Range Test (DMRT). The treatments in this study were P0 (control) P1 (*Rhizopus* sp 5%), P2 (*Neurospora* 5%). Parameters measured were relative weight of thymus organ, relative weight of spleen organ, relative weight of fabrisius bursa organ, and relative weight of liver organ. Based on the results of this study that the provision of rubber seed flour using *Rhizopus* sp 5% and *Neurospora* 5% fungi in the feed ration had no significant effect ($P > 0.05$) on the relative weight of the thymus organ, the relative weight of the spleen organ, the relative weight of the fabrisius bursa organ, and the relative weight of the liver organ. The research that has been done shows that the provision of fermented rubber seeds using *Rhizopus* sp and *Neurospora* molds at a dose of 5% in the feed mixture does not have a negative effect on the weight of the lymphoid organs and liver of chickens.*

Keywords: *Native Chicken, Rubber Seed, *Rhizopus* sp, *Neurospora*, Lymphoid Organs*