

**EFFECTIVENESS OF DIFFERENT USE OF WOODED LEATHER WOOD AS A
VERY VEGETABLY ON QUALITY, ORGANOLEPTICAL VALUE, AND
POWER SAVE CHICKEN EGG RASH**

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ABSTRACT

This study aims to determine the effect of various types of mangrove bark as a vegetable tanner on the quality, organoleptic value, and the shelf life of chicken eggs. This research was conducted experimentally and using Completely Randomized Design with 4 treatments and 5 replications. The number of eggs used 580 grains and each treatment amounted to 145 grains. Evaluation of egg quality observation on 4th, 8th, 12th and 16th day resulted in air bag diameter, egg yolk index, egg white index and haugh egg unit of four treatments have not seen any significant difference $F_{\text{arithmetic}} < F_{\text{table}} (0,05)$, will but on observation of the 20th day until the end of the observation there was a very real change. $F_{\text{arithmetic}} > F_{\text{table}} (0.01)$ on the tannery treatment using black mangrove skin rather than red mangrove, mangrove oil and mangrove ringworm. The best results are shown by the tannery treatment of mangrove bark eggs because it produces the smallest air bag diameter, the egg yolk index, the largest egg white index and haugh unit. The result of organoleptic test of color, aroma and texture of eggs of soaking chicken on 4th, 12th, 20th and 28th day were not significantly different $F_{\text{count}} < F_{\text{table}} (0,05)$. The result of organoleptic test of taste and the preference of egg of the race chicken soaking of various bark of mangrove wood on the 4th day, 12th and 20th was not significantly different $F_{\text{count}} < F_{\text{table}} (0,05)$, while on the 28th day the organoleptic test result of taste and likeness eggs eggs chicken tannery treatment using a variety of bark of mangrove shows distinct real $F_{\text{arithmetic}} > F_{\text{table}} (0.05)$. The most preferred organoleptic test results by panelists is tannery-treated mangrove tannery.

Keywords : *Chicken Egg Race, Tanning, Mangrove, Organoleptic.*