

**THE EFFECT OF THE DURATION OF THE DIFFERENCE OF
DIFFERENT LEAVES OF NANGKA LEAF
(*Artocarpus heterophyllus lmk*) TOWARDS
THE QUALITY INTERIOR
EGG RICK CHICKEN**

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ABSTRACT

This research aims to determine the effect of immersion duration of jackfruit leaf solution (*Artocarpus heterophyllus lmk*) which is different on the interior quality of eggs. The research material consisted of one day old chicken eggs and jackfruit leaf solution. Long immersion treatment using jackfruit leaf solution, namely: P0 (without soaking), P1 (12 hours), P2 (24 hours), P3 (36 hours), and P4 (48 hours). Observation of egg quality was carried out at 7, 14 and 21 days shelf life. The parameters tested were the percentage decrease in egg weight, height of the air cavity, egg yolk color, white index, yellow index, pH value, and haugh unit. Data on the egg interior quality test results were analyzed by analysis of variance and if there were mean differences further tested by the Duncan's New Multiple Range Test. The results showed that immersion eggs using jackfruit leaf solution had a very significant effect ($P < 0.01$) on the percentage of egg weight reduction, air cavity height, white index, yellow index, pH value, and haugh unit, but did not affect the color of the yolk. Soaking time up to 48 hours is the best treatment in inhibiting the rate of decline in the egg's interior quality.

Keywords: Interior Quality, Broiler Chicken Egg, Jackfruit Leaf Solution,