

***The Feasibility Analysis of Duck Egg Breeding and Consumption Egg
Farming
(Case Study at UD. Putra Jember)***

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ABSTRACT

This research aims to analyze the feasibility of duck farming for breeding and consumption at UD. Putra Jember, using a small-scale farming approach with a population of 300 ducks. The research employs a descriptive quantitative method. It presents quantitative data in the form of both primary and secondary data. Data collection techniques include field observations and interviews with breeders of duck eggs for both breeding and consumption purposes. The variables used in this research include production costs, revenues, income, and business feasibility. Based on the research findings, the estimated total cost incurred by breeders over a year is Rp. 130,728,718 for breeding duck eggs, while it is Rp. 105,811,794 for consumption duck eggs. The R/C ratio for breeding ducks is higher than for consumption ducks, at 2.18 and 2.16, respectively. The B/C ratio for breeding ducks is also higher than for consumption ducks, at 1.85 and 1.87, respectively. The BEP (Break-Even Point) price for breeding duck eggs is Rp. 1,492, which is higher than the BEP price for consumption duck eggs, which is Rp. 1,207. The ROI (Return on Investment) in the study shows 10.11% for breeding duck eggs and 6.54% for consumption duck eggs.

Keywords: breeding ducks, commercial ducks, business analysis