

ABSTRACT

THE FEASIBILITY OF CULTIVATING TUBIFEX WORMS (*Tubifex* sp.) (Case Study at Berkah Tirta Tasikmalaya Farm)

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Silk worm farming (*Tubifex* sp.) is one of the aquaculture practices with high economic potential. The main challenges in this business are production cost efficiency and business viability, which have not yet been addressed by farmers. This study aims to determine the production costs, income, and financial viability of silk worm farming. The method used is a case study approach on silk worm farmers at Berkah Tirta Farm in Tasikmalaya. The selection of respondents was done intentionally. The analytical tools used in this study include agricultural cost analysis and feasibility calculations using the R/C ratio. The results of the study indicate that the cost components in silkworm farming consist of fixed costs, which include land and building taxes, depreciation of equipment, electricity, and fixed capital interest; and variable costs, which include silkworm seed costs, bran, chicken manure, molasses, family labor, distribution costs, and variable capital interest. In one production cycle of 50 days, production costs amounted to Rp 635.542,01. Business revenue reached Rp 1.225.000,00, while net income amounted to Rp 589.457,99. The analysis results indicate that this business has an R/C ratio of 1,93, meaning that every Rp 1,00 in production costs generates Rp 1,93 in revenue.

Keyword: Tubifex Worms, Production Costs, Revenue, Eligibility