

**THE RELATIONSHIP OF PRODUCTION MANAGEMENT TO
BUSINESS ANALYSIS OF GOAT FARM AT CANDI DISTRICT
IN SIDOARJO REGENCY**

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ABSTRACT

Goat farm business provide income and revenue for peoples. The main factor in determining for the development goats farm business is the availability of feed. The aims of this research were to know about: (1) production management, (2) business analysis, (3) the relationship of production management to business analysis of goat farm at Candi District in Sidoarjo Regency. The method applied in the research was survey. Questionnaire, interviews and focus group discussion were data collection techniques. The sample village and respondents were determined purposively (purposive sampling). Number of respondents taken by 25 respondents who have goats 25-50 head of goats. Business analysis is a dependent variable and production management is an independent variable. Production management explained by breeding, housing, feeding, maintenance and health management. Business analysis was measured by the R/C ratio, benefit, benefit percentage, benefit per head, benefit per month, Break Event Point (BEP) in rupiah, Break Event Point (BEP) in unit and Payback Period (PP). The data analyzed with Structural Equation Modeling (SEM) by Partial Least Square (PLS). The result showed: (1) good production management is applied by farmer, (2) goat farm business was profitable and feasible was indicated by business analysis calculated with BEP in rupiah Rp. 2.047.567., BEP in unit 27 goats, PP value 1,22, R/C ratio value 1,33, (3) there was a relationship of production management to business analysis. Feeding and maintaining management were indicators of production management that gave the effect to business analysis.

Keywords: production management, business analysis, goat farm in Candi Sidoarjo.