

**COST AND RETURN ANALYSIS OF SOURSOP
PRODUCTION IN CAVITE**

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KAREN F. JIMENEZ

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ABSTRACT

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A study was conducted primarily to analyze the profitability of soursop production in Cavite. Specifically, it aimed to: 1) determine the characteristics of soursop farmers and their farm; 2) describe the production practices employed by soursop growers; 3) ascertain the relationship between profitability and some selected variables; and 4) identify the problems encountered by soursop growers in Cavite.

The study was conducted in Cavite, namely: Alfonso, Amadeo, Bailen, Indang, Mendez, Trece Martirez City, Tagaytay City and Silang, Cavite. One hundred fifteen soursop producers were selected through random sampling and purposive sampling techniques.

It was revealed that a majority of the respondents had reached their primary education (36%). The average number of dependents was 3.4 and with average farming experience of 29.43 years. Most of them owned the land they tilled with an average land area of 3.13 hectares while the average size of the farm devoted to soursop was .25 hectares.

The average level of soursop tree per farm was 49.8 trees while the average age of the tree was 24.4 years. The average level of soursop production in a year was 68.57 kgs and the average yield per tree was 7.10 pieces. The average gross income obtained from

soursop production was P 464.90. With an average cost of P 239.48, an average income of P74.14 from soursop production was realized.

The correlation analysis showed that there were a significant relationships between profitability and length of experience, total cost incurred and price of the product.

The problems encountered by the respondents in soursop production were the occurrence of pests, high cost of fertilizer and unfavorable weather condition.

To improve the production of soursop in Cavite, the government should extend help to farmers by providing them of seminars, pamphlets and brochure and by providing an information on how to prevent or minimize the occurrence of soursop pests and diseases.

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