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1987

**COST AND RETURN ANALYSIS OF VARIOUS
COCONUT BASED MULTIPLE CROP FARM**

THESIS

Nerissa V. Pegenia

DON SEVERINO AGRICULTURAL COLLEGE
Department of Agricultural Economics and
Agribusiness

April, 1987

~~C~~**OST AND RETURN ANALYSIS OF VARIOUS
COCONUT BASED MULTIPLE CROP FARM**

**Undergraduate Thesis
Submitted to the Faculty of the
Don Severino Agricultural College
Indang, Cavite**

**In Partial Fulfillment
of the Requirements for the Degree of
Bachelor of Science in Agriculture
(Major in Agricultural Economics)**



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*Cost and return analysis of various
coconut based multiple crop farm
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T-928*

by

~~NERISSA V. PEGENIA~~

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A B S T R A C T

PEGENIA, NERISSA V., "Cost and Return Analysis of Various Coconut-Based Multiple Crop Farm", B.S. Thesis, Agricultural Economics, Don Severino Agricultural College, Indang, Cavite, April 1987. Adviser: Mr. Renato Marquez.

This study was conducted in four upland towns of Cavite namely: Alfonso, Indang, Mendez and Silang. One hundred coconut-based multiple crop farmers were interviewed.

This study aimed to determine the (1) socio-economic characteristics of coconut-based multiple crop farmers; (2) the different coconut based multiple cropping patterns; (3) production and marketing cost; (4) the net return obtained in the different cropping patterns; (5) the relationship of level of net income and cropping patterns; and (6) the production and marketing problems of coconut-based multiple crop farmers.

The production of each cropping pattern differed from one another depending upon the kind of crops planted in the area and ages of the crops as well as the price of each crop sold in the market.

Average expenses (sum of production and marketing cost) reached as high as ₱34,352.40 (cropping pattern II). The lowest production cost was ₱12,901.25

(cropping pattern I) whereas the highest was ₦32,025 (cropping pattern III). The average marketing cost was more than ₦600.00.

In this kind of farming, higher net return was obtained. However, they differed from one another wherein cropping pattern III was the highest with an average amount of ₦334,626.75, others had an average net return of more than ₦49,000.00.

With regards to the relationship between the level of net income of cropping pattern used chi-square results revealed that there was a significant relationship between the two. That is, net income depends on the type of cropping pattern being used. It was also proven that coconut-based multiple crop farming is a very profitable enterprise and a proficient source of income.

The usual problems encountered by the farmers in both production and marketing process were the attack of pests and diseases and low price of their harvested product.

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NERISSA VIDON PEGENIA

^{1/}Undergraduate Thesis presented to the faculty of the Don Severino Agricultural College, Indang, Cavite in partial fulfillment of the requirements for graduation with the Degree of Bachelor of Science in Agriculture (BSA), Major in Agricultural Economics. Department Contribution No. A.E. 87010-009. Prepared in the Department of Agricultural Economics and Agribusiness under the direct supervision and guidance of Mr. Renato Marquez.

INTRODUCTION

Prices of coconut is continuously fluctuating. Thus, coconut growers cannot depend solely on the income derived from it. Considering this situation, farmers possessing small pieces of land, particularly in Cavite had engaged in multiple crop farming in order to maximize the land use and to increase their income. As stated by Nyberg², intercropping using coconut as the base crop, is highest in Cavite where

²Nyberg, "The Philippine Coconut Industry", Ph.D. Thesis, Cornell University, 1981, p. 67.