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INTERCROPPING GLUTINOUS CORN
WITH CITRUS

FAIRM PRACTICE REPORT

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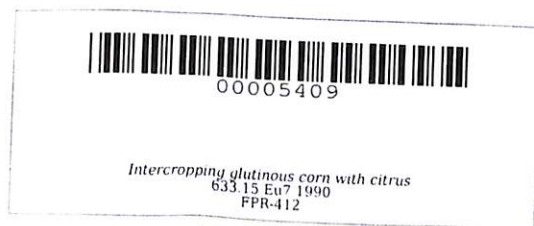
Indang, Cavite

April 1990

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WITH CITRUS

A Farm Practice Report
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 Agronomy)



EVELYN F. EUSEBIO

April 1990

A B S T R A C T

The project was conducted in Bancod, Indang, Cavite from October 1989 to January 1990 for a period of four months. This project was conducted by the author to familiarize herself with the cultural management operation required by corn when grown in between citrus plants.

An area of 4,000 square meters was prepared by alternate plowing and harrowing. Planting of corn was done on October 14, 1989 with a distance of 75 centimeters between rows and 50 centimeters between hills using three seeds per hill. Thinning was done three weeks after germination leaving only two plants per hill. A combination of complete and Urea fertilizers with a total rate of 50 kg for the entire 4,000 square meter area was applied basally. The corn ears were harvested 75 days after planting.

The project produced 5,334 ears of corn. This was lower (33 percent) than the target produce. The reduction of the yield was attributed to the competition of nutrients between the main crop and intercrop and the lack of water during grain filling stage. The corn ears were marketed at a gate price of ₱0.65 per ear. The project realized a gross sales of ₱3,467.10. After deducting the overall expenses of ₱1,457.50, the project obtained a net income of ₱2,009.60

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by

EVELYN F. EUSEBIO

^{1/} A farm practice report 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 (BSA) major in Agronomy. Contribution No. P.S. 89-010. Prepared in the Department of Plant Science under the supervision of Mr. Celso S. Crucido.

INTRODUCTION

Community development aims to improve the social, economic as well as the cultural aspects of the localities such that efforts of the different institutions are geared towards implementing the different programs to carry out such aims. One way of doing this is by maximizing the production of farm commodities as well as the resources that limit the growth and yield of crops. This could be done by multiple cropping or intercropping.

Intercropping is the practice of simultaneous growing of two or more crops on the same piece of land (Willey 1979). Harwood and Banta (1975) reported these crops are grown in separate rows. It is a common agricultural