...uction Management of Asparagus Seedlings
(CV. MARY WASHINGTON)

FARM PRACTICE REPORT

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PRODUCTION MANAGEMENT OF ASPARAGUS SEEDLINGS

(C.V. MARY WASHINGTON)

A Farm Practice Report

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ABSTRACT

RODEROS, EDUARDO E., DON SEVERINO AGRICULTURAL COLLEGE, Indang, Cavite. Production Management of Asparagus Seedlings (C.V. Mary Washington).

The project "Production Management of Asparagus Seedlings (C.V. Mary Washington)" was conducted at the Vegetable Production Area of the Department of Crop Science, Don Severino Agricultural College from October 1994 to February 1995. Generally, the project aimed to provide the student experiences in handling and managing a small scale production of asparagus seedlings project.

Ten seedboxes containing 1:1:1 ratio of fine river sand, ordinary garden soil and compost were sterilized and used as soil media. Approximately two hundred seeds of asparagus per seedbox were sown. One month old seedlings were transplanted in a 6" x 8" polyethylene plastic bags with equal amount of soil mixture of river sand, compost and garden soil. Seedlings were watered every other day to maintain adequate soil moisture.

Three month old seedlings were sorted based on their size and vigor. Large sized seedlings (30 cm tall) were sold at ₱15.00 each while medium and small sized plants were sold at ₱10.00 and ₱5.00 per seedling, respectively.

Cost and return analysis showed that production of asparagus seedlings gave a net income of ₱7,162.28 with a Return on Investment (ROI) of 128.59%.

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by

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INTRODUCTION

Asparagus (Asparagus officinalis) is one of the most profitable crops today. It is mostly propagated by seeds. Asparagus seed germination percentage usually ranges between 90-95 percent. Lower germination percentages are due to poor seed storage condition, improper seed soaking techniques, poor pollination condition of the mother plants or age of the seed. Seed size also affects the germination percentage and subsequent seedling growth. According to Benson (1992), the larger the seed, the higher the germination rate and the more vigorous the seedlings would be.