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TRICHODERMA INDUCED COMPOST ON THE  
PRODUCTION OF CHRYSANTHEMUM

(*Chrysanthemum indicum*)

FARM PRACTICE REPORT

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April 1996

TRICHODERMA INDUCED COMPOST ON THE  
PRODUCTION OF CHRYSANTHEMUM  
(*Chrysanthemum indicum*)

A Farm Practice Report  
Presented 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 Horticulture)

by

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## A B S T R A C T

The project, "Trichoderma Induced Compost in the Production of Chrysanthemum", was conducted at Green House No. 2 of the Crop Science Department.

The project aimed to enable the student to put into practice the use of trichoderma induced compost technology and to gain experience on actual production of good flowers of chrysanthemum.

Specifically, the project aimed to determine the cost and return on investment of producing chrysanthemum with the use of organic fertilizer and to be able to sell all plants at the end of the study.

The project was conducted for six months with 1,000 chrysanthemum plants. All cultural management practices such as soil media preparation, planting, watering, staking and many others were properly implemented.

Likewise, the application of trichoderma induced compost was carried out properly. The only disease and insect observed were leaf spot (*Pseudomonas achenii*) and melon aphids (*Macrosiphium gossipii*). They were controlled by using Dithane and Folidol at the rate of two tablespoons per 16 liters of water. Spraying was done early in the morning and late in the afternoon.

Application of trichoderma induced compost on chrysanthemum plant improved the growth of the plants and

subsequently improved the yield and net income.

From the returns, the student get a gross income of P 8,000.00. After deducting the total expenses amounting to P 3,880.00, a net income of P 4,120.00 was obtained with a return on investment of 106.14.

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(Chrysanthemum indicum)<sup>1</sup>

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<sup>1</sup>A Farm Practice Report presented to the faculty of the Department of Crop Science, School of Agriculture, Don Severino Agricultural College, Indang, Cavite in partial fulfillment of requirements for graduation with the degree of Bachelor of Science in Agriculture (BSA), major in Horticulture. Contribution No. C.S. FP-002-96 . Prepared under the supervision of Prof. Celso Crucido (Adviser).

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INTRODUCTION

A major reason for low productivity of most farm is the poor quality of soil and the presence of the fungal pathogen especially in the upland areas. This is further aggravated by soil erosion, crop removal and leaching that inevitably reduced plant growth and yield in intensively cultivated areas.

Hence, there is a need for a good soil management to preserve fertility of the soil. One way of doing this is through the application of organic fertilizer like compost and manure which are good sources of nutrient element such as nitrogen, phosphorus, potassium and other essential micronutrients. It also helps in improving soil texture and maintaining vigorous and healthy plant.