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**ASEXUAL PROPAGATION OF SELECTED  
LANDSCAPE PLANTS**

**Farm Practice Report**

**NILDA M. VICEDO**

**Department of Crop Science  
DON SEVERINO AGRICULTURAL COLLEGE  
Indang, Cavite**

**Summer 1993**

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ASEXUAL PROPAGATION OF SELECTED  
LANDSCAPE PLANTS

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 Horticulture)



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*Asexual propagation of selected landscape  
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## ABSTRACT

VICEDO, NILDA M., Don Severino Agricultural College, Indang, Cavite. "Asexual Propagation of Selected Landscape Plants". Mrs. Analita Magsino, adviser.

This farm practice project entitled "Asexual Propagation of Selected Landscape Plants" was conducted at the Ornamental Multiplication Project of the Department of Crop Science, Don Severino Agricultural College, Indang, Cavite from January to April 1993. The general objective of the project was to propagate selected landscape plants. Specifically, it aimed to attain 80% success in propagating golden dewdrops (Duranta sp.), Lollypops (Pachystachys lutea), and cuphea (Cuphea hyssopifolia) and to obtain more than 25% return on investment in the project.

One thousand softwood cuttings of the three landscape plants were used as propagating materials and were rooted in plastic bags with rooting medium composed of an equal proportion of sawdust, compost and garden soil. These were maintained under a shady mango tree for about four months.

A total amount of ₱4,238.74 was invested in the project. Recovered were 807 rooted plants which were sold at ₱10.00 each for golden dewdrops, ₱15.00 each for lollypops and ₱10.00 each for cuphea. The gross income realized amounted to ₱9,085.00 and the net income was ₱4,846.26.

A value of 114.33% return on investment (ROI) was computed as the measure of project worth.

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# ASEXUAL PROPAGATION OF SELECTED

## LANDSCAPE PLANTS<sup>1/</sup>

by

Nilda M. Vicedo

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<sup>1/</sup>A Farm Practice Report submitted to the faculty of Don Severino Agricultural College, Indang, Cavite, in partial fulfillment of the requirements for graduation for the degree of Bachelor of Science in Agriculture (BSA), major in Horticulture. Contribution No. C.S. 93-009. Prepared in the Department of Crop Science under the supervision of Mrs. Analita Magsino.

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### INTRODUCTION

The propagation of plants has long been recognized as a fundamental practice in the fields of plant science. Some plants can be propagated asexually using their vegetative parts. With this technology, the unique characteristics of any individual plant are preserved in the plantlets. In addition, the genotype of the source plant can be preserved.

Asexual propagation by cuttings is widely used in commercial greenhouses with many florist crops. It is used in propagating several landscape plants such as Golden dewdrops (Duranta sp.), Lollypops (Pachystachys lutea), and Cuphea (Cuphea hyssopifolia).