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RESEARCH STEP

APPEND RESEARCH IV

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EFFECTS OF DIFFERENT GROWING MEDIA ON THE GROWTH PERFORMANCE OF

HELICONIA (Vriesa heliconoides)

A Research Work Submitted to the Faculty of the
Agricultural Science Department of
Don Severino Agricultural College
Indang, Cavite

In Partial Fulfillment of the Requirements
in Applied Research IV



Effects of different growing media on growth performance of heliconia (Vriesa 635.9 D38 1996

by

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April 1996

ABSTRACT

DEL MUNDO, MINNELA RISA M., Applied Research IV (Agri- Science Curriculum) Don Severino Agricultural College, Indang, Cavite, March, 1996. "EFFECTS OF DIFFERENT GROWING MEDIA ON THE GROWTH PERFORMANCE OF HELICONIA (*Vriesea heliconoides*)".

Adviser: Prof. Cecilia A. Capalad

This study entitled "EFFECTS OF DIFFERENT SOIL MEDIA ON GROWTH PERFORMANCE OF HELICONIA (Vriesea heliconoides)" was conducted at Dr. Mario Marasigan's place at Don Severino Agricultural College Faculty Village, Indang, Cavite from May 1, 1995 to November 1, 1995 with the following objectives: (1) to determine the effects of different growing media on the growth performance of heliconia, (2) to determine which growing medium will produce the best growth performance of heliconia, (3) to determine the ideal medium which will give the highest number of flowers.

An area of 42.25 square meters was used in this study. The Latin Square Design was used with four treatments replicated four times. The treatments were: T0 - control (pure garden soil)T1 - (50% garden soil and 50% cow manure); T2 (50% garden soil and goat manure; T3 (50% garden soil and 50% chicken manure).

The results revealed that the different growing media had no significant effect on the growth performance of heliconia.

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GROWTH PERFORMANCE OF HELICONIA

(Vriesea heliconoides)1

by

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¹ A Research Work submitted to the faculty of the Laboratory School (Agri-Science Curriculum) of the Don Severino Agricultural College, Indang, Cavite in partial fulfillment of the requirements for Applied Research IV. Prepared under the advisorship of Prof. Cecilia A. Capalad.

Chapter I

INTRODUCTION

Heliconias belong to the banana family and are therefore easy to grow. It is considered native to Tropical Central and South America. They may be propagated by means of its rhizomes or sucker. The flowers of heliconia usually show team foliage. Flowering depends on the variety used. Some varieties take years or months to flower.

There are many varieties of heliconia locally available. Each variety has its own color of flowers. The flowers may be erect or drooping. It last for months in the plants. Their leaves are similar to that of the banana.

One of its varieties is Double B Gold. This variety of heliconia is smaller