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GROWTH PERFORMANCE EVALUATION OF ANTHURIUM
(Anthurium andraeanum Linn.) USING
DIFFERENT GROWING MEDIA UNDER
DRIP IRRIGATION SYSTEM

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GROWTH PERFORMANCE EVALUATION OF ANTHURIUM
(*Anthurium andraeanum* Linn.) USING
DIFFERENT GROWING MEDIA UNDER
DRIP IRRIGATION SYSTEM

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ABSTRACT

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The study was conducted at San Gregorio Street, Indang, Cavite from October 1992 to February 1993 to evaluate the growth performance of anthurium using different growing media under drip irrigation system.

Five treatments with ten replications were used in the study. They were: T_1 - coconut husk; T_2 - 50% garden soil and 50% coconut husk; T_3 - 50% sawdust and 50% garden soil; T_4 - 50% coconut husk and 50% bits of charcoal; T_5 - 50% garden soil and 50% bits of charcoal. Drip irrigation method was used in the study. Same rate of application of water was used in each treatment but the amount of water applied varied with the growing season.

Growing media influenced the growth performance of anthurium. Different growing media resulted to different growth patterns. T_2 - 50% coconut husk and 50% garden soil favored the growth of anthurium in terms of height, length and width of the leaves, and diameter of leaf stalk with a mean of 24.40 cm, 8.23 cm and 6.74 cm, and 3.84 mm, respectively.

It was also found out that the average percent water available among treatments was highly significant. T_2 - 50% coconut husk and 50% garden soil had the highest average percent water available with a mean of 67.80 percent.

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GROWTH PERFORMANCE EVALUATION OF ANTHURIUM

(Anthurium andraeanum Linn.) USING

DIFFERENT GROWING MEDIA UNDER

DRIP IRRIGATION SYSTEM^{1/}

LEONORA DINGLASAN PERELLO

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INTRODUCTION

Cutflowers export is becoming a lucrative source of foreign exchange for the country. In 1987, for instance, the Philippines exported fresh cutflowers valued at US\$ 63,713 to Hongkong, Brunei, and Australia (Greenfields, June, 1990).

One of the most important cutflowers that has gained wide popularity in the country because of its economic potential is anthurium. Anthurium (Anthurium andraeanum Linn.) is a tropical herbaceous plant which comes in different hues: red, dark red, pinkish red, orange and white. It is not only noted for its elegance, but also