

8. SUMMARY.

In the present investigation: "ENRAIZAMIENTO OF it CARRIES IMPLANTS DE ROSE *Natal brier* BY MEANS OF THE USE OF FOUR STIMULANTS IN TWO SUSTRATOS IN THE CANTON PEDRO MONCAYO"; the objectives were; to evaluate the effect of the enraizamiento of it carries implants by means of the use of four stimulants using three dose in two substrates, to determine the appropriate stimulant and the appropriate dose to induce to the development rooting, to evaluate the most appropriate substrate in the propagation, and to determine the production costs for the best treatment.

The investigation was carried out in the county of Pichincha, canton Pedro Moncayo, parish San José in the flowers company Golden Land Cia. Ltda. The time of duration of the field phase was of 6 months, a Design of blocks was used totally at random with twenty four treatments and three repetitions with a factorial arrangement A X B X C, where A it corresponds to the stimulants, B corresponds the doses and C it corresponds to the substrates.

Of the obtained results you concluded that the use of the stimulating raiza was the most significant, when increasing the dose this obtained the best results; the substrate one was the best due to their composition, since has bigger quantity of macro and micro pores allowing a bigger development rooting, the use of different dose shows significance, when using these, one observes that the dose two obtained the best result contrary to the dose one and three, and it was determined that the best treatment was the number since five obtained the best result for the different evaluated variables.

The use of the stimulating Raiza, the substrate one is recommended composed for: black earth, and gravel, and the dose two of 1cc for liter, due to the results obtained in each variable, are recommended to investigate the behavior of the patterns taken root with each stimulant in the transplant place.