

ABSTRACT

Sri Nurhasanah, 2022. Differences in the Effect of Planting Media Art Glass Planting on the Growth of Betel Lemon (*Epipremnum aureum* var. *Neon*) plants. Advisor one: Dr. Yusuf Ibrahim, M. Pd., M.P and two supervisors: Ida Yayu Nurul Hizqiyah, S. Pd., M. Si.

The research entitled "Differences in the Effect of Planting Media Glass Planting Techniques on the Growth of Betel Lemon (*Epipremnum aureum* var. *Neon*)" based on the background that the use of planting media that retains more water will cause the roots and bottom of the betel plant to rot and the type of Plant media that has the ability to hold low air will cause the planting medium to dry easily and the plants will die quickly. This study aims to determine the difference in the effect of planting media the art glass planting on the growth of betel lemon (*Epipremnum aureum* var. *Neon*) ornamental plants. The method used is the experimental method using Randomized Groups (RAK), to find the effect on certain treatments that give the best results for those who are treated. Parameters in this study related to the main data including measuring root length, stem height, number of leaves and number of shoots, while supporting data consisted of light intensity, air humidity and air temperature. The results of this study are the results that there are differences in the effect on the growth of betel lemon ornamental plants, namely the root length parameter. While the results did not have a different effect on the growth of lemon betel ornamental plants, namely the parameters of stem height, number of leaves, and number of shoots.

Keywords: Growth of Lemon Betel Ornamental Plant, Planting Media, Art Glass Planting