

**RESPON PERTUMBUHAN ANGGREK (*Phalaenopsis spp.*) TERHADAP BEBERAPA KONSENTRASI PUPUK DAUN PADA TAHAP AKLIMATISASI. (RESPONSE OF (*Phalaenopsis spp.*) ORCHID GROWTH TO SEVERAL OF LEAF FERTILIZER CONCENTRATIONS AT ACCLIMATIZATION STAGE). Supervisor Netty Ermawati, SP, Ph.D.**

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***ABSTRACT***

*Orchid plants have slow growth, resulting in low orchid production. To increase orchid plant production by increasing its growth rate, this can be done by providing foliar fertilizer with complete nutrient content and easily absorbed by plants. The fertilizer used in this study was Growmore leaf fertilizer. This research was conducted in the garden of Handoyo Budi Orchids (HBO) located in Keparjo street, Kedawung, Ngijo, Karangploso subdistrict, Malang East Java. The research was taking from August to December 2019. This study was conducted a nonfactorial completely randomized design of one factor with four replications and the treatment using various levels of fertilizer: P0 = 0 gram/liter (control), P1 = 0.5 gram/liter, P2 = 1.5 gram/liter. liters, and P3 = 2.5 grams/liter with 5 replications. The results of the analysis shows an intangible influence on the parameters of leaf length, leaf width, number of leaves, and number of roots*

***Key word:*** Anggrek *Phaenopsis*, Growmore