GROWTH OF CROTON PLANT CUTTINGS (*Codiaeum variegatum L.*) ON VARIOUS PLANTING MEDIA COMPOSITIONS

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ABSTRACT

Croton or known as croton is a type of ornamental plant that has beautiful leaf color patterns. This research aims to determine the effect of planting media composition on the growth of croton seedlings. This research was carried out at Randy Garden which is located at Jalan Raya Krapyak, Bakungan, Wedomartani, Ngemplak District, Sleman Regency, Special Region of Yogyakarta. The research will begin from January to March 2023. The research method used is a field experiment using a one-factor Completely Randomized Design (CRD), namely a combination of comparisons of types of planting media consisting of 11 treatment levels. Data were analyzed with Analysis of Variance (ANOVA) at 5% level and then tested with 5% DMRT. The parameters observed were percentage of life, number of leaves, number of shoots, shoot length, root volume, plant fresh weight, root fresh weight, leaf area, leaf chlorophyll amount and root dry weight. The results showed that the M7 treatment of soil: husk charcoal: manure: compost in a ratio of 1: 1: 1: 1 was better in increasing the growth of croton cuttings.

Keywords: Cuttings, Croton, Planting Media, RAL