

**THE INFLUENCE OF VARIOUS PLANTING MEDIA AND TYPES OF
MANURE ON THE GROWTH OF CUTTINGS OF BINAHONG PLANT
STEMS (*Anredera cordifolia* (Ten.) Steenis)**

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ABSTRACT

Binahong is a medicinal plant that is easily cultivated in pots. The success of cultivating plants in pots is determined by several factors, including the type of planting medium. The aim of the research was to get the best mix of planting media for growing binahong plants in pots. This research was conducted in Sembungan Hamlet, Bangunjiwo, Kasihan, Bantul in April - July 2022. The experimental design used a Completely Randomized Design (CRD), consisting of 2 factors with 3 replications. The first factor is the type of media, namely regosol soil, clay soil, and husk charcoal. The second factor is the type of manure, namely without manure, cow manure, goat manure, and chicken manure, each 2.5 kg/plant. 1:1 media mix with manure. Data were analyzed using Analysis of Variance at 5% level, then further tested using Duncan's Multiple Range Test (DMRT) at 5% level. The results showed that there was an interaction between the planting medium and the manure. The combination of clay and goat manure gave the best results on growth percentage, time of shoot emergence, shoot length, number of shoots, number of leaves, and crown fresh weight. The clay soil treatment showed the best results on the percentage of growth and number of leaves at 2 WAP. Goat manure treatment showed the best results on shoot dry weight, root fresh weight, root dry weight, and root crown ratio.

Keywords : planting media, manure, binahong