

## ABSTRAK

### **Widya Kartika Sari, NIM 4191220013 (2023). Pengaruh Media Tanam Terhadap Pembungaan Anggrek *Dendrobium (Areedang Green)***

Penelitian ini bertujuan untuk mengetahui pengaruh media tanam terhadap pembungaan anggrek *Dendrobium (Areedang Green)* dilaksanakan pada bulan Juni-September 2023 di UPT. Benih Induk Hortikultura Gedung Johor. Penelitian ini didesain secara Rancangan Acak Lengkap (RAL) dengan empat perlakuan dan lima ulangan dengan perlakuan MT1 (arang), MT2 (serabut kelapa dan arang), MT3 (akar pakis dan arang), dan MT4 (akar kadaka dan arang). Parameter pengamatan dalam penelitian ini adalah waktu inisiasi, persentase inisiasi, waktu berbunga, persentase berbunga, jumlah kuncup dan jumlah bunga. Data yang diperoleh dianalisis menggunakan ANOVA dan pada perlakuan berbeda dilakukan uji lanjut DMRT. Jenis media tanam serabut kelapa dan arang memberikan pengaruh berbeda nyata terhadap waktu inisiasi dan waktu pembungaan dengan rata-rata inisiasi 5.3 MST dan rata-rata waktu pembungaan 2.1 MST. Serabut kelapa dan arang, memberikan pengaruh nyata terhadap jumlah kuncup, dengan rata-rata jumlah kuncup 10.6. serabut kelapa dan arang memberikan pengaruh nyata terhadap pembungaan dengan rata-rata jumlah bunga 9.8.

**Kata kunci:** *Dendrobium Areedang Green, media tanam, arang, serabut kelapa, akar pakis, akar kadaka, pembungaan*

## ABSTRACT

**Widya Kartika Sari, NIM 4191220013 (2023). The Effect of Planting Media on the Flowering of *Dendrobium* Orchids (*Areedang Green*)**

This research aims to determine the effect of planting media on the flowering of *Dendrobium* (*Areedang Green*) orchids held in June-September 2023 at UPT. Johor Building Horticulture Parent Seeds. This research was designed in a Completely Randomized Design (CRD) with four treatments and five replications with treatments MT1 (charcoal), MT2 (coconut fiber and charcoal), MT3 (fern roots and charcoal), and MT4 (kadaka roots and charcoal). The observation parameters in this study were initiation time, initiation percentage, flowering time, flowering percentage, number of buds and number of flowers. The data obtained were analyzed using ANOVA and the DMRT further test was carried out for different treatments. The types of planting media from coconut fiber and charcoal had significantly different effects on initiation time and flowering time with an average initiation of 5.3 WAP and an average flowering time of 2.1 WAP. Coconut fiber and charcoal, had a significant influence on the number of buds, with an average number of buds of 10.6. Coconut fiber and charcoal had a significant effect on flowering with an average number of flowers of 9.8.

**Kata kunci:** *Dendrobium Areedang Green, planting medium, charcoal, coconut fiber, fern roots, kadaka roots, flowering*