

Respon Pertumbuhan Tanaman Krisan (*Chrysanthemum sp.*) Armita Terhadap Beberapa Kombinasi Jenis Media Tanam dan Nutrisi, *Response Of Chrysanthemum Growth To Several Combination Of Planting Media Types and Nutrients.* Advizor: Dr. Netty Ermawati, SP, Ph.D. and Dr. Ir. Liaw Lia Sanjaya, M.S.

Rani Hanifah
Study Program of Seed Production Technique
Department of Agricultural Production
Program Studi Teknik Produksi Benih
Jurusan Produksi pertanian

ABSTRACT

*Potted chrysanthemums are interested ornamental plant commodity. This study aims to determine the effect of the combination of media types on Chrysanthemum Armita (*Chrysanthemum sp.*) during its growing period. The research was conducted in September - Desember 2019 at BALITHI, Cipanas, West Java. The experiment used a non-factorial Completely Randomized Design (CRD) with a combination treatment of planting media consisting of 7 treatments, namely rice husk, soil and chicken manure (P1), husk, soil, chicken manure, water hyacinth, 10 gliocompost (P2), husk, soil, chicken manure, water hyacinth, 10 gr bionutri (P3), husk, soil, chicken manure, water hyacinth, 5 gr gliocompost, 5 gr bionutri (P4), husk, soil, chicken manure, water hyacinth, EM4 100 ml (P5) husk, soil, chicken manure, water hyacinth, npk 1.5 gr (P6), husk, soil, chicken manure, pearl npk 1.5 g (P7) repeated 4 times. Observations were made after 1 week the lights were turned off. Observations consist of plant height, number of leaves, leaf width, time of appearance of flower buds, time of appearance of flower color, number of flowers and flower diameter. If the results are significantly different, continue with the 5% DMRT test. The results showed that the combination of media had a significant effect on plant height, number of leaves, time of appearance of buds and flower color, number of flowers, flower diameter and leaf length 21 DAS. the combination of media types had no significant effect on leaf length 7 and 14 DAS, leaf width at 7, 14 and 21 DAS.*

Key words: *Chrysanthemum Armita, type of planting medium, combination of growing media*