

## **ABSTRACT**

### **THE EFFECT OF PLANT MEDIA ON THE GROWTH AND YIELD OF RED SPINACH MICROGREEN (*Amaranthus tricolor* L.)**

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Microgreen are vegetables harvested at a very young age when the cotyledon and a pair of young leaves have appeared. Microgreen differ from sprouts because they are harvested at 7 to 14 days. In principle, microgreen can grow well through various growing media, the planting media used are rockwool, cocopeat and rice husk charcoal. The present study aims to determine the effect of the growing media that has the best effect on the growth and yield of red spinach (*Amaranthus tricolor* L) microgreen. The research was conducted at Babakanpala RT 01 RW 23, Karsamenak Village, Kawalu District, Tasikmalaya City with an altitude of 200 to 500 meters above sea level. The experiment started from June until July 2023. The research method used was the Completely Randomized Design (CRD) experimental method with 3 treatments, namely rockwool growing media, cocopeat growing media, and husk charcoal growing media and each treatment was repeated 9 times. Data were analyzed using variance with the F test followed by Duncan Multiple Range test at 5% level. The results showed that the rice husk charcoal planting medium had the best effect on the growth and yield of red spinach (*Amaranthus tricolor* L) microgreen.

Keywords: Microgreen, red spinach, growing media.