

## ABSTRACT

MUTIA NUR SAFARINA, 2022. *“Cultivation of Sorghum (Sorghum bicolor L. Moench) in an Effort of Food Diversification by Utilizing Empty Land at Kertajati Airport Kertajati District Majalengka Regency”*. Department of Geography Education, Faculty of Teacher Training and Education Siliwangi University Tasikmalaya.

*Majalengka Regency has begun to develop the potential of sorghum plants which can be used as renewable food ingredients. Kertajati Airport (BIJB) began to be built in 2014 which is located in Kertajati District, Majalengka Regency with an area of 3,480 Ha. There is still a lot of state-owned land that has not been utilized optimally and most of the land is neglected and overgrown by weeds. Sorghum is a cereal plant that can grow in various environmental conditions so that it has the potential to be developed. The land used for sorghum cultivation has an area of 10 ha in 1 hole, 3 seeds can be inserted which produce as many as three hundred thousand sorghum trees. Because the land is large, and the number of plants is large, it is necessary for farmers to take care of sorghum plants. This research is based on the main problems, namely (1) How is the cultivation of sorghum (Sorghum bicolor L. Moench) in an effort to diversify food by utilizing vacant land at Kertajati Airport, Kertajati District, Majalengka Regency, (2) How is the process of utilizing the results of sorghum cultivation by the community in Babakan Village, Kertajati District, Majalengka Regency. The research methods used are observation, interviews, documentation studies, and literature studies. The subjects taken were airport managers, SEPASI managers (True Indonesian Sorghum Farmers), and farmers. The results of this study can be concluded that (1) the cultivation of sorghum plants includes several stages of planting, and making renewable food ingredients, (2) Sorghum plants can substitute for other food crops such as sorghum seeds which can make a staple food and animal feed and beneficial for higher health and nutrition. To complete the shortcomings in this study, the authors expect other authors to research in depth and detail..*

**Keywords:** *Cultivation, Sorghum Crops, Food Substitution, Food Diversification.*