

ABSTRACT

EVALUATION OF LAND SUITABILITY FOR SNAKE FRUIT (*Salacca edulis* L.), CORN (*Zea mays* L.), AND SOYBEAN (*Glycine max* (L.) Merrill) PLANTS IN MANONJAYA TASIKMALAYA

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The study aims to find out the land suitability class for snake fruit, corn and soybean in Manonjaya District Tasikmalaya Regency. A descriptive method was used based on observations in the field, followed with soil analysis in the laboratory. The suitability assessment was carried out by comparing data sets between land quality and plant growth requirements. The suitability class was based on "the law of minimum" which is an approach to determine the suitability class based on the minimum quality factor. The results showed that Manonjaya Subdistrict Tasikmalaya Regency has land suitability class marginal (S3) for snake fruit, corn and soybean with the limiting factors are slope, drainage, soil ^{pH}, and nutrient availability.

Keywords: Land Suitability Evaluation, Snake Fruit, Corn, Soybeans