

ABSTRACT

THE EVALUATION OF LAND SUITABILITY FOR CASSAVA PLANTS IN PRINGSEWU SUBDISTRICT PRINGSEWU REGENCY

By
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The research was aimed to investigate about the evaluation of land suitability for cassava plants in Pringsewu Subdistrict Pringsewu Regency.

The research used survey method with the land unit as the unit of analysis. In this research, the land units retrieved from the overlapping between the land use map, soil map, slope map, and landform map. The population consist of 125 land units, sample taken 25% from the population which are 30 land units spreading in Pringsewu Subdistrict. Data collecting technique used documentation, observation, and laboratory analysis. Data analysis used scoring technique with adjust of parameter and suitability land class until obtained suitability land map form cassava plants.

The result of this research showed: the level suitability land for cassava plants in the research area include in highly suitable (S1) with 1.193,09 ha (22,34%) and moderately suitable (S2) with 4.135,19 ha (77,66%) extents with main limit factor that is rooting media (effectiveness soil depth) and the preparation of land.

Keyword: Evaluation, Land Suitability, Cassava