

ABSTRACT

Central Java province is one of the national rice buffer. Demand of rice every year is always increasing, as a result of increasing population. This research aims to determine the effect of the wide of land, labor of agriculture, seed, and fertilizers to rice production in Central Java. Secondary data in Central Java for 15 years are used to analyze the research objectives. Analysis tool which is used in this research is multiple regression by the method of OLS (Ordinary Least Square).

The analysis result shows that the variables of wide of land, labor, and fertilizer give a positive impact and significant at level of confidence of 5% on rice production. It means every additional wide of land, labor, and fertilizer inputs, rice production is increasing. And the variable of seed, has a positive impact but isn't significant to rice production at level confidence of 5%. Seed doesn't give effect to rice production.

Key word : production, paddy, input, analysis, Central Java