

ECONOMIC EFFICIENCY ANALYSIS OF MAIZE PRODUCTION IN THANH BINH DISTRICT, DONG THAP PROVINCE

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Summary

This paper is aimed to measure economic efficiency and identify determinants of economic efficiency of maize production at household level at Thanh Binh district, Dong Thap province. It is based on a data set collected from 70 farmers in the district and the method of data envelopment analysis (DEA) to measure economic efficiency. The results of study showed that the average economic efficiency was 54%. As a result, average of the profit loss from inefficiency per crop about 2.214.815 VND/1.000 m². Furthermore, the result of the Tobit model showed that important factors having impacts on economic efficiency level are; cultivated area, farming experience, training and applying machines to prepare land. Significant determinants of economic efficiency were positively related to economic efficiency were cultivated area, farming experience, training and applying machines to prepare land while farming experience were found negatively affect economic efficiency.

Keywords: *Economic efficiency production, maize, Dong Thap.*