

ABSTRACT

ANALYSIS OF DEMAND AND SUPPLY OF CASSAVA IN LAMPUNG PROVINCE

by

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This study aims to : (1) analyze factors that affect the demand and supply of cassava in Lampung Province, (2) determine the elasticity of demand and elasticity supply of cassava in Lampung Province, and (3) analyze the impacts of interest rate policy and urea fertilizer price on the welfare of cassava economic agents in Lampung Province.

The research was conducted purposely in Lampung Province. This study uses secondary data 1990-2010 processed with the *Two-Stage Least Squares (2SLS)* model and then policy simulations were conducted.

The result showed that: (1) The factors affecting the demand and supply of cassava in Lampung Province were cassava crop acreage, productivity, cassava demand for direct consumption, demand for tapioca industry, cassava price at wholesalers, and cassava price at farm level. (2) The elasticity of demand and the elasticity supply of cassava in Lampung Province were in inelastic with the values of less than 1 ($E < 1$). (3) The decrease in interest rate caused the increase in producers and consumers surpluses meaning the rise on the welfare of cassava economic agents in Lampung Province. Moreover, the increase in urea fertilizer price together with the decrease in interest rate caused the rise on the welfare of cassava economic agents in Lampung Province.

Key Words: cassava demand, cassava supply, economic agents, policy

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ABSTRAK
ANALISIS PERMINTAAN DAN PENAWARAN UBI KAYU
DI PROVINSI LAMPUNG

Oleh

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Penelitian ini bertujuan untuk : (1) menganalisis faktor-faktor yang mempengaruhi permintaan dan penawaran ubi kayu di Provinsi Lampung, (2) mengetahui elastisitas permintaan dan penawaran ubi kayu di Provinsi Lampung, dan (3) menganalisis dampak kenaikan suku bunga dan harga pupuk urea terhadap kesejahteraan pelaku ekonomi ubi kayu di Provinsi Lampung.

Penelitian ini dilakukan di Provinsi Lampung. Penelitian ini menggunakan data sekunder tahun 1990-2010 dan diproses dengan model *Two-Stage Least Squares (2SLS)*, kemudian dilakukan simulasi kebijakan.

Hasil penelitian menunjukkan bahwa : (1) Faktor-faktor yang mempengaruhi permintaan dan penawaran ubi kayu adalah areal panen ubi kayu, produktivitas, permintaan ubi kayu untuk konsumsi langsung, permintaan ubi kayu untuk industri tapioka, harga ubi kayu di tingkat pedagang besar, dan harga ubi kayu tingkat petani. (2) Elastisitas permintaan dan penawaran jangka pendek dan jangka panjang ubi kayu di Provinsi Lampung bersifat inelastis dengan nilai-nilai elastisitas kurang dari 1 ($E < 1$). (3) Penurunan tingkat suku bunga menyebabkan naiknya surplus produsen dan konsumen yang berarti meningkatkan kesejahteraan pelaku ekonomi ubi kayu di Provinsi Lampung. Selain itu, kenaikan harga pupuk yang disertai dengan penurunan tingkat suku bunga menyebabkan naiknya surplus produsen dan konsumen atau kesejahteraan pelaku ekonomi di Provinsi Lampung.

Kata kunci: permintaan ubi kayu, penawaran ubi kayu, pelaku ekonomi ubi kayu, kebijakan

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