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The Effect of Land Area, Labor, Fertilizer Subsidyon Agricultural Production In Indonesia

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ABSTRACT

The problem in this research is the increasingly depleting land area in the agricultural sector that occurred in Indonesia from 2010 to 2020, Employment in the agricultural sector has increased from 2010 to 2020, Instability of Agricultural Fertilizer Subsidies in the agricultural sector that occurred in Indonesia from 2010 to 2020, Production Agriculture for rice, potatoes, tomatoes, eggplant and chilies has increased from 2010 to 2020.

The location of this research is in Indonesia. The scope of this research was carried out by focusing on discussing the influence of land area, labor, fertilizer subsidies on agricultural production in Indonesia from 1990-2020. The data analysis technique used in this research refers to the Error Correction Model (ECM) equation model by estimating short-term and long-term relationships between the variables Land Area, Labor, Fertilizer Subsidies and Agricultural Production in Indonesia from 1990-2020.

KEYWORDS

Agriculture; labor; Indonesia.

INTRODUCTION

Indonesia is an agricultural country which has consequences for the need for government attention to a strong and resilient agricultural sector, therefore one of the sectors that supports economic growth is the agricultural sector. Not only in the economy, the agricultural sector also plays a role in national development in order to achieve a sustainable economy (Ajija, 2011). Apart from agriculture, various other subsector commodities are the mainstay produced by Indonesia.

Development of the agricultural sector is an absolute requirement to improve people's standard of living, this is reflected in the government's policy where agriculture remains a top priority (Amin, 2013). The development of the agricultural sector in Indonesia has experienced very rapid progress, both smallholder and company-managed agriculture. This is due to adequate natural resources (SDA) and the large number of people (labor) working in the agricultural sector (Kamaruddin et al, 2022).

The following is agricultural production data in Indonesia from 2010-2020, namely as follows:

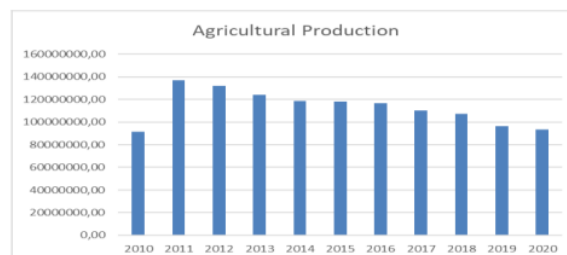


Figure 1. Agricultural Production in Indonesia in US Dollar units

It can be concluded from the agricultural production graph above that over a period of 10 years it tends to decline. This is caused by the increasing population and the imbalance between the area of land managed and that produced to support the increasing population.

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