

**DETERMINANTS OF PRODUCTION OF FOOD CROPS COMMODITIES IN
BOJONEGORO DISTRICT
(Case Study Of Farmer Card And Non Card Accessories Farmers)**

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ABSTRACT

The Agricultural economy becomes an important issue in developing Bojonegoro's Regency economy through the agriculture development program. Therefore, research dealing with the agriculture economy is still needed. This research aims to find out the influence of Labor, Land Area, Modal, fertilizer, and Farming Card to increase agriculture commodity production of crops in Bojonegoro Regency. This research uses quantitative descriptive research, the source of data used comes from primary data. The number of samples used in this research was 100 respondents. The technique of analyzing data was the ANCOVA method multiple linear regression by using software Eviews 9. The results of the study showed simultaneously labor variables, land area variables, capital variables, fertilizer variables, and farming card variables had a significant effect and positively related to increased production of crop commodities. Partially, labor, land area, and capital significantly and positively correlated to the production of the crops. Meanwhile, fertilizer and Farming Card positively correlated but did not influence significantly the production of the crops. The Proportion of independent variable calculation explains the variance of crop production improvement in Bojonegoro Regency was 78.27%. Meanwhile, 21.28% explained by other variables outside the research. Thus, it is expected that the roles of related stakeholders to improve the agricultural economy.

Keywords: Production, Food Crops, Farming Cards, Ancova.

**DETERMINAN PRODUKSI KOMODITAS PERTANIAN TANAMAN PANGAN DI
KABUPATEN BOJONEGORO
(Studi Kasus Petani Pengakses Kartu Tani Dan Non Pengakses Kartu Tani)**

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ABSTRAK

Ekonomi pertanian menjadi isu penting dalam pembangunan di Kabupaten Bojonegoro dengan adanya program pembangunan pertanian. Oleh karena itu riset tentang ekonomi pertanian masih sangat di butuhkan. Penelitian ini bertujuan untuk mengetahui seberapa besar pengaruh Tenaga Kerja, Luas Lahan, Modal, Pupuk, dan Kartu tani terhadap peningkatan produksi komoditas pertanian tanaman pangan di Kabupaten Bojonegoro. Penelitian ini menggunakan jenis penelitian deskriptif kuantitatif, sumber data yang digunakan berasal dari data primer. Jumlah sampel yang digunakan dalam penelitian ini adalah sebanyak 100 responden. Teknik pengolahan data yang digunakan adalah regresi linier berganda metode ANCOVA dengan menggunakan *software EvIEWS 9*. Hasil penelitian menunjukkan secara simultan variabel tenaga kerja, variabel luas lahan, variabel modal, variabel pupuk, dan variabel kartu tani berpengaruh signifikan dan berhubungan positif terhadap peningkatan produksi komoditas tanaman pangan. Secara parsial variabel tenaga kerja, variabel luas lahan, dan variabel modal berpengaruh signifikan dan berhubungan positif terhadap produksi komoditas pertanian tanaman pangan, sedangkan variabel pupuk dan variabel kartu tani berhubungan positif tetapi tidak berpengaruh signifikan terhadap produksi komoditas tanaman pangan. Proporsi penghitungan variabel independen menjelaskan variasi peningkatan produksi tanaman pangan di Kabupaten Bojonegoro sebesar 78,72% sedangkan sisanya sebesar 21,28% dijelaskan oleh variabel-variabel lain diluar penelitian. Sehingga diharapkan peran stakeholder terkait sangat diperlukan untuk peningkatan ekonomi pertanian.

Kata Kunci: Produksi, Tanaman Pangan, Kartu tani, Ancova.