

ABSTRAK

Ferry Wahyu Manullang. NIM 7171210008. Pengaruh Modal dan Penerapan Teknologi Pengelolaan Tanaman Terpadu Terhadap Pendapatan Petani Jagung Di Desa Janggir Leto Kecamatan Panei Kabupaten Simalungun. Skripsi. Jurusan Manajemen Program Studi Manajemen. Fakultas Ekonomi Universitas Negeri Medan. 2021.

Penelitian ini bertujuan untuk mengetahui dan mengkaji pengaruh Modal dan penerapan Teknologi Pengelolaan Tanaman Terpadu terhadap Pendapatan petani jagung di Desa Janggir Leto Kecamatan Panei Kabupaten Simalungun. Penelitian ini dilakukan pada petani jagung di Desa Janggir Leto Kecamatan Panei Kabupaten Simalungun pada Tahun 2021 dengan dengan jumlah sampel sebanyak 50 petani. Sampel penelitian ini ditentukan dengan *Sampling Jenuh*. Teknik yang digunakan dalam pengumpulan data adalah observasi dan kuesioner. Teknik analisis data yang digunakan terdiri dari analisis deskriptif dan analisis regresi linear berganda dengan rumus $Y = a_0 + b_1X_1 + b_2X_2 + e$. dari hasil penelitian ini diperoleh $Y = 20,960 + 0,024X_1 + 0,455X_2 + e$. Koefisien determinasi (R^2) sebesar 0,153 yang berarti variabel Modal (X_1) dan Teknologi Pengelolaan Tanaman Terpadu (X_2) dalam menjelaskan variabel pendapatan (Y) sebesar 15,3% sedangkan sisanya 84,7% dijelaskan oleh variabel lain diluar model yang tidak diteliti. Uji t bahwa Modal berpengaruh negatif terhadap Pendapatan petani dan Teknologi Pengelolaan Tanaman Terpadu berpengaruh positif terhadap Pendapatan petani. Uji F bahwa variabel Modal dan Teknologi Pengelolaan Tanaman Terpadu secara bersama-sama (simultan) berpengaruh Pendapatan petani.

**Kata Kunci : Modal, Teknologi Pengelolaan Tanaman Terpadu, dan
Pendapatan**

ABSTRACT

Ferry Wahyu Manullang, NIM 7171210008. *Effect of Capital and Application of Integrated Crop Management Technology on Corn Farmers Income in Janggir Leto Village Panei District Simalungun Regency.* Skripsi. Department of Management Management Study Program. Faculty of Economics, State University of Medan. 2021.

This study aims to determine and examine the effect of capital and the application of Integrated Crop Management Technology on the income of corn farmers in Janggir Leto Village Panei District Simalungun Regency. This research was conducted on corn farmers in Janggir Leto Village Panei District Simalungun Regency in 2021 with a total sample of 50 farmers. The sample of this study was determined by *saturated sampling*. The technique used in data collection is observation and questionnaires. The data analysis technique used consisted of descriptive analysis and multiple linear regression analysis with the formula $Y = a_0 + b_1X_1 + b_2X_2 + e$. From the results of this study obtained $Y = 20,960 + 0,024X_1 + 0,455X_2 + e$. The coefficient of determination (R^2) is 0,153, which means that the variable Capital (X_1) and Integrated Plant Management Technology (X_2) in explaining the income variable (Y) is 15,3% while the remaining 84,7% is explained by other variables outside the model that were not examined. The t test shows that capital has a negative effect on farmers' income and Integrated Crop Management Technology has a positive effect on farmers' income. F test that the variables of Capital and Integrated Crop Management Technology together (simultaneously) have an effect on farmers' income.

Keywords: Capital, Integrated Plant Management Technology, and Income

