

Adinda Novita Ayu Wijayanti. NIM 220321100044. Persepsi Petani dan Pengaruhnya terhadap Adopsi Pupuk Organik pada Petani Jagung Lokal Desa Paterongan, Kecamatan Galis, Kabupaten Bangkalan. Dibawah bimbingan Nor Qomariyah, S.P., M. Si.

ABSTRAK

Penelitian ini dilatarbelakangi oleh menurunnya kualitas lahan pertanian akibat penggunaan pupuk kimia dan pestisida secara terus-menerus sehingga diperlukan penerapan pertanian berkelanjutan melalui penggunaan pupuk organik. Penelitian ini bertujuan untuk mengetahui persepsi petani terhadap pupuk organik dan tingkat adopsi petani terhadap pupuk organik di Desa Paterongan serta menganalisis faktor yang mempengaruhi petani terhadap adopsi pupuk organik di Desa Paterongan. Penelitian menggunakan pendekatan kuantitatif dengan analisis deskriptif dan regresi logistik ordinal. Pengumpulan data dilakukan melalui wawancara menggunakan kuesioner kepada petani jagung lokal yang dipilih secara purposive sampling. Hasil penelitian menunjukkan bahwa mayoritas petani dilokasi penelitian berada pada kategori tingkat adopsi sedang karena petani masih mengombinasikan penggunaan pupuk organik dan pupuk anorganik. Persepsi petani terhadap pupuk organik berada pada kategori baik yang ditunjukkan melalui penilaian terhadap keuntungan relatif, kesesuaian, kerumitan, dan dapat diamati. Hasil analisis regresi logistik ordinal menunjukkan bahwa persepsi petani berpengaruh signifikan terhadap adopsi pupuk organik. Semakin baik persepsi petani terhadap pupuk organik, maka semakin besar kecenderungan petani untuk mengadopsi pupuk organik dalam usaha tani jagung. Sementara itu, usia, pendidikan formal, luas lahan, dan pengalaman usaha tani tidak menunjukkan pengaruh signifikan terhadap adopsi pupuk organik.

Kata kunci: adopsi pupuk organik, jagung lokal, persepsi petani, regresi logistik ordinal

Adinda Novita Ayu Wijayanti. NIM 220321100044. Farmers' Perceptions and Their Influence on the Adoption of Organic Fertilizers Among Local Corn Farmers in Paterongan Village, Galis Subdistrict, Bangkalan Regency. Under the supervision of Nor Qomariyah, S.P., M.Si.

ABSTRACT

This research is motivated by the declining quality of agricultural land due to the continuous use of chemical fertilizers and pesticides, necessitating the implementation of sustainable agriculture through the use of organic fertilizers. This study aims to determine farmers' perceptions of organic fertilizer and their adoption rates of organic fertilizer in Paterongan Village, as well as to analyze the factors influencing farmers' adoption of organic fertilizer in Paterongan Village. The study used a quantitative approach with descriptive analysis and ordinal logistic regression. Data collection was conducted through interviews using questionnaires with local corn farmers selected using purposive sampling. The results showed that the majority of farmers in the study area fell into the adoption category because they still combined the use of organic and inorganic fertilizers. Farmers' perceptions of organic fertilizers were categorized as good, as indicated by assessments of relative benefits, complexity, complexity, and observability. The results of the ordinal logistic regression analysis indicated that farmer perceptions significantly influenced organic fertilizer use. The better farmers' perceptions of organic fertilizers, the greater their tendency to adopt organic fertilizers in their corn farming. Meanwhile, age, formal education, land area, and farming experience did not significantly influence organic fertilizer application.

Keywords: application of organic fertilizer, local corn, farmer perception, ordinal logistic regressi