

FAKTOR-FAKTOR YANG MEMENGARUHI PENERAPAN SISTEM PERTANIAN ORGANIK PADA PETANI ANGGOTA ALIANSI PETANI PADI ORGANIK BOYOLALI (APPOLI)

ABSTRAK

Tujuan kajian ini adalah untuk mengetahui penerapan sistem pertanian organik, mengetahui faktor internal dan eksternal dalam penerapan sistem pertanian organik, mengetahui pengaruh faktor internal dan eksternal terhadap penerapan sistem pertanian organik, dan merancang desain pemberdayaan yang mendukung dalam penerapan sistem pertanian organik. Penelitian ini dilaksanakan dari Bulan Maret hingga Bulan Juni tahun 2023 di Aliansi Petani Padi Organik Boyolali (APPOLI), Provinsi Jawa Tengah. Penelitian ini menggunakan pendekatan kuantitatif dengan metode survey menggunakan kuesioner sebagai instrumen yang digunakan dalam penelitian. Sampel yang digunakan yaitu sebanyak 50 responden. Penerapan sistem pertanian organik pada petani anggota APPOLI tinggi, sesuai dengan SNI 6729 yang berlaku. Faktor internal berupa umur dalam kategori produktif, tingkat pendidikan formal pada kategori dasar dan tingkat pendidikan non formal yang tinggi, dan pengalaman berusaha selama 6-10 tahun. Faktor eksternal berupa ketersediaan sarana prasarana dalam kategori tinggi, peran kelompok tani tinggi, dan peran APPOLI dalam memberdayakan petani tinggi. Secara simultan faktor internal dan eksternal memengaruhi penerapan sistem pertanian organik pada taraf signifikansi 1%. Sedangkan secara parsial faktor umur, peran kelompok tani, dan peran APPOLI dalam memberdayakan petani berpengaruh signifikan pada taraf signifikansi 1% terhadap penerapan sistem pertanian organik. Sehingga diperlukan pemberdayaan dalam meningkatkan penerapan sistem pertanian organik pada peningkatan pencegahan dan pengendalian hama dan penyakit melalui elisitor biosaka sebagai upaya dalam pencegahan dan pengendalian OPT pada tanaman padi.

Kata kunci: penerapan, pertanian organik, APPOLI.

**FACTORS AFFECTING THE IMPLEMENTATION OF ORGANIC
FARMING SYSTEMS ON FARMERS MEMBERS OF THE BOYOLALI
ORGANIC RICE FARMERS ALLIANCE (APPOLI)**

ABSTRACT

The purpose of the study was to determine the application of organic farming systems, know internal and external factors in the application of organic farming systems, determine the influence of internal and external factors on the application of organic farming systems, and design empowerment designs that support the application of organic farming systems. The research was conducted from March to June 2023 at the Boyolali Organic Rice Farmers Alliance (APPOLI), Central Java Province. A quantitative approach with survey methods using questionnaires as instruments used in research was employed. The sample used was as many as 50 respondents. The application of the organic farming system to APPOLI member farmers was high, in accordance with the applicable SNI 6729. Internal factors included age in the productive category, formal education level in the basic category, high level of non-formal education, and farming experience for 6-10 years. External factors included the availability of infrastructure in the high category, the role of farmer groups is high, and the role of APPOLI in empowering farmers is high. Simultaneously, internal and external factors influenced the application of organic farming systems at a significance level of 1%. Meanwhile, the age factor, the role of farmer groups, and the role of APPOLI in empowering farmers significantly affected the 1% significance level on the implementation of organic farming systems. Therefore, empowerment was needed in increasing the application of organic farming systems in improving the prevention and control of pests and diseases through biosaka elisitors as an effort to prevent and control pests in rice plants.

Keywords: application, organic farming, APPOLI.