

ABSTRAK

ASEP RIZA PAMUNGKAS, 2026. Hubungan Respons Petani dengan Tingkat Penerapan Inovasi Teknologi Pertanian Padi Organik di Desa Sirnabaya Kecamatan Rajadesa Kabupaten Ciamis. Di bawah bimbingan **SUDRAJAT** dan **MUHAMAD NURDIN YUSUF**

Pertanian padi organik merupakan sistem budidaya yang memanfaatkan input organik dan pengelolaan lahan yang ramah lingkungan serta mengurangi ketergantungan terhadap bahan kimia sintetis. Penelitian ini bertujuan untuk mengetahui sistem pertanian padi organik, respons petani, tingkat penerapan inovasi, serta menganalisis hubungan respons petani dengan tingkat penerapan inovasi teknologi pertanian padi organik di Desa Sirnabaya. Penelitian menggunakan metode survei dengan pendekatan kuantitatif. Populasi sekaligus sampel penelitian berjumlah 25 petani peserta Program Sekolah Lapang Pertanian Sehat Ramah Lingkungan Berkelanjutan (SL-PSRLB) yang ditentukan secara sensus. Data dikumpulkan melalui observasi, wawancara, kuesioner skala Likert, dan dokumentasi. Parameter respons petani meliputi aspek kognitif, afektif, dan konatif, sedangkan tingkat penerapan inovasi meliputi penerapan input organik, tata kelola lahan, dan keberlanjutan penerapan teknologi. Analisis data menggunakan analisis deskriptif dan Korelasi *Rank Spearman*. Hasil penelitian menunjukkan bahwa (1) sistem pertanian padi organik diterapkan melalui penggunaan input organik, pengelolaan lahan ramah lingkungan, dan pengurangan penggunaan bahan kimia sintetis; (2) respons petani berada pada kategori tinggi dengan skor 53,00; (3) tingkat penerapan inovasi berada pada kategori tinggi dengan skor 38,76; dan (4) terdapat hubungan positif, kuat, dan signifikan antara respons petani dengan tingkat penerapan inovasi, dengan koefisien korelasi 0,778 dan nilai signifikansi 0,000. Disarankan agar pendampingan dan praktik lapangan SL-PSRLB terus diperkuat untuk mempertahankan penerapan inovasi secara berkelanjutan.

Kata kunci: Korelasi *Rank Spearman*, Padi Organik, Penerapan Inovasi, Respons Petani, SL-PSRLB.

ABSTRACT

ASEP RIZA PAMUNGKAS, 2026. *The Relationship between Farmer Response and the Level of Implementation of Organic Rice Farming Technology Innovation in Sirnabaya Village, Rajadesa District, Ciamis Regency. Supervised by SUDRAJAT and MUHAMAD NURDIN YUSUF.*

Organic rice farming is a cultivation system that utilizes organic inputs and environmentally friendly land management while reducing dependence on synthetic chemicals. This study aimed to determine the organic rice farming system, analyze farmer response, determine the level of innovation implementation, and analyze the relationship between farmer response and the level of implementation of organic rice farming technology innovation in Sirnabaya Village. The study used a survey method with a quantitative approach. The population and sample consisted of 25 farmers participating in the Sustainable Healthy and Environmentally Friendly Agriculture Field School Program (SL-PSRLB), selected using a census technique. Data were collected through observation, interviews, Likert-scale questionnaires, and documentation. Farmer response parameters included cognitive, affective, and conative aspects, while innovation implementation parameters included organic input application, land management, and sustainability of technology implementation. Data were analyzed using descriptive analysis and Spearman's Rank Correlation. The results showed that (1) the organic rice farming system was implemented through the use of organic inputs, environmentally friendly land management, and reduced use of synthetic chemicals; (2) farmer response was categorized as high, with a score of 53.00; (3) the level of innovation implementation was categorized as high, with a score of 38.76; and (4) there was a positive, strong, and significant relationship between farmer response and the level of innovation implementation, with a correlation coefficient of 0.778 and a significance value of 0.000. It is recommended that field assistance and practical activities through SL-PSRLB be strengthened to maintain sustainable innovation implementation.

Keywords: *Farmer Response, Innovation Implementation, Organic Rice, SL-PSRLB, Spearman's Rank Correlation.*