RINGKASAN

Peran Penyuluh Pertanian Dalam Mendukung Keberhasilan Pengendalian Hama Tikus Di Gapoktan Beji Makmur

Febrian Valentino Haramboru [1], Ery Yusnita Arvianti [2], Ninin Khoirunisa[3]

Program Studi Agribisnis, Fakultas Pertanian,Universitas Tribhuwana Tunggadewi

Email: febrianvalentinoharamboru@gamil.com

Penelitian ini bertujuan untuk menganalisis peran penyuluh pertanian dalam mendukung keberhasilan pengendalian hama tikus pada tanaman padi di Gapoktan Beji Makmur, Kecamatan Junrejo, Kota Batu. Penelitian menggunakan pendekatan kuantitatif dengan metode survei yang melibatkan petani sebagai responden. Data dikumpulkan melalui kuesioner, wawancara, observasi, dan dokumentasi, kemudian dianalisis menggunakan skala Likert dan analisis persentase untuk mengetahui tingkat peran penyuluh pertanian. Hasil penelitian menunjukkan bahwa penyuluh pertanian memiliki peran penting dalam mendukung keberhasilan pengendalian hama tikus melalui kegiatan edukasi dengan presentase skor tertinggi 92,7%, diseminasi inovasi 91,1%, fasilitasi 92,4%, konsultasi 91,7%, dan supervisi 89,4% serta Keberhasilan pengendalian hama tikus terhadap keberlanjutan usaha tani berada pada kategori cukup baik dengan persentase 66,4%. Peran tersebut membantu meningkatkan pengetahuan, keterampilan, serta kesadaran petani dalam menerapkan pengendalian hama terpadu, sehingga serangan hama tikus dapat ditekan dan produktivitas tanaman padi dapat meningkat. Dengan demikian, keberadaan penyuluh pertanian menjadi faktor penting dalam meningkatkan keberhasilan pengendalian hama serta mendukung peningkatan hasil produksi dan kesejahteraan petani.

Kata kunci: penyuluh pertanian, pengendalian hama tikus, pengendalian hama terpadu, produktivitas padi, gapoktan.

SUMMARY

The Role of Agricultural Extension Workers in Supporting the Success of Rat Pest Control in the Beji Makmur Farmers' Group

Febrian Valentino Haramboru 1, Ery Yusnita Arvianti 2, Ninin Khoirunisa 3

Agribusiness Study Program, Faculty of Agriculture, Tribhuwana Tunggadewi University

Email: febrianvalentinoharamboru@gamil.com

This study aims to analyze the role of agricultural extension workers in supporting the success of rat pest control in rice crops in the Beji Makmur Farmers' Group, Junrejo District, Batu City. The study used a quantitative approach with a survey method involving farmers as respondents. Data were collected through questionnaires, interviews, observations, and documentation. Data were then analyzed using a Likert scale and percentage analysis to determine the extent of the agricultural extension worker's role. The results of the study indicate that agricultural extension workers play a crucial role in supporting the success of rat pest control through educational activities, with the highest score being 92.7%, innovation dissemination 91.1%, facilitation 92.4%, consultation 91.7%, and supervision 89.4%. The success of rat pest control on the sustainability of farming businesses is in the fair category with a percentage of 66.4%. This role helps improve farmers' knowledge, skills, and awareness in implementing integrated pest management, thereby suppressing rat infestations and increasing rice productivity. Therefore, the presence of agricultural extension workers is a crucial factor in increasing the success of pest control and supporting increased production and farmer welfare.

Keywords: agricultural extension workers, rat pest control, integrated pest management, rice productivity, farmer groups.