

## **ABSTRAK**

### **PERANAN PENYULUH PERTANIAN LAPANG (PPL) DALAM ADOPSI PENGELOLAAN TANAMAN TERPADU (PTT) USAHATANI PADI SAWAH DI KECAMATAN SEPUTIH RAMAN KABUPATEN LAMPUNG TENGAH**

**Oleh**

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Penelitian ini bertujuan untuk: (1) mengetahui tingkat peranan penyuluh pertanian lapangan dalam adopsi pengelolaan tanaman terpadu, (2) mengetahui tingkat adopsi pengelolaan tanaman terpadu padi sawah, (3) menganalisis hubungan antara peranan penyuluh pertanian dengan adopsi pengelolaan tanaman terpadu padi sawah, (4) menganalisis hubungan antara adopsi pengelolaan tanaman terpadu dengan produktivitas padi sawah. Sampel diambil secara *proposional random sampling* dan diperoleh sebanyak 99 orang yang terbagi dalam 8 wilayah kerja penyuluh pertanian. Metode analisis data yang digunakan adalah deskriptif dan statistika inferensial dengan uji korelasi Rank Spearman. Hasil penelitian menunjukkan: (1) peranan penyuluh pertanian lapangan dalam pengelolaan tanaman terpadu padi sawah termasuk dalam klasifikasi sedang, peran tersebut mencakup dalam kegiatan edukasi, diseminasi, fasilitasi, konsultasi, supervisi, pemantauan dan evaluasi; (2) adopsi pengelolaan tanaman terpadu berdasarkan penggunaan benih bermutu dan sistem tanam, pengairan, pemupukan, pengendalian hama penyakit tanaman, penanganan panen hingga pasca panen termasuk dalam klasifikasi sedang; (3) peranan penyuluh pertanian lapangan memiliki hubungan yang nyata dengan adopsi pengelolaan tanaman terpadu; (4) adopsi pengelolaan tanaman terpadu memiliki hubungan dengan produktivitas padi sawah.

Kata kunci: adopsi, pengelolaan tanaman terpadu, peranan, penyuluh pertanian lapangan.

## **ABSTRACT**

### ***The Role of Agricultural Extension Workers in Adoption of Integrated Crop Management of Paddy Farming***

**By**

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*The aim of this study are to: (1) determine the role level of agricultural extension workers in adopting integrated crop management, (2) determine the adoption level of integrated crop management of paddy, (3) analyze the relationship between agricultural extension workers role and integrated crop management adoption, (4) analyze the relationship between integrated crop management adoption and the productivity of rice. The numbers of consumer respondents were 99 people, divided into 8 agricultural extension work area. Data analyze used descriptive analysis and inferential statistics with Spearman rank Correlation Test. The results of the study show: (1) the role of field agricultural extension workers in the management of integrated crops of paddy fields was included in the medium classification. These roles include activities in education, dissemination, facilitation, consultation, supervision, monitoring and evaluation; (2) adoption of integrated plant management based on the use of quality seeds and planting systems, irrigation, fertilization, control of plant pests, handling of harvests to post-harvest were included in the medium classification; (3) the role of field agricultural extension workers has a real relationship with the adoption of integrated crop management; (4) adoption of integrated crop management has a relationship with the productivity of lowland rice.*

*Keyword: adoption, agricultural extension workers, integrated crop management, paddy, roles.*