

ABSTRACT

COMPETITIVENESS OF WETLAND-PADDY FARMING WITH INTEGRATED MANAGEMENT SYSTEM IN LAMPUNG PROVINCE

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This study aimed to analyze incomes and farming competitiveness of wetland-paddy farmers who followed SLPTT program as well as to analyze price sensitivities when outputs' prices dropped and the government did not provide subsidies for seeds and fertilizers. This research was conducted in two regencies: Central Lampung (i.e., Seputih Raman and Trimurjo Sub-District) and North Lampung (i.e., Abung Semuli and Abung Timur Sub-District). The total sample in this study was 148 paddy farmers which consist of 26 respondents from Trimurjo, 48 respondents from Seputih Raman, 32 respondents from Abung Semuli and 42 respondents from Abung Timur. The analytical tools used were the analysis of farm income, policy analysis matrix (PAM), and sensitivity analysis.

Based on the results, the wetland-paddy farming's incomes with a PTT system were 11.385.177,36 rupiahs with R/C value is 2,32. The policy analysis matrix suggested that wetland-paddy farming in Lampung province was financially feasible because the farming have comparative and competitive advantages in term of productions. This could be seen from the values of PCR (Private Cost Ratio) and DRCR (Domestic Resource Cost Ratio) which were equal to 0,3734 and 0,2747 respectively. The Sensitivity analysis for the farming's competitive advantages showed that, with a PTT system, an increase in the prices of both paddy seeds and fertilizers (Urea, NPK, TSP, Organic, KCL and manure) by one hundred percent was inelastic. Meanwhile, the decline in the price of output (rice) by ten percent was elastic to a competitive advantage.

Keywords: wetland-paddy, SLPTT, competitiveness

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