INPUT-OUTPUT RELATIONSHIP AND PROFITABILITY OF RICE WHEAT ASED CROPPING SYSTEM IN A SELECTED AREA OF COMILLA DISTRICT

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Abstract

This study was designed to assess input output relationship and profitability of rice-wheat based cropping pattern in Chandina Thana of Comilla district. Sample farmers were classified into three groups, small, medium and large. Stratified random sampling technique was applied to select 20 samples from each pattern. For analyzing the data, mainly tubular technique of analysis as well as frontier production function analysis was applied. The findings of the study revealed that most of the sample farmers are young aged and they had secondary education. Major cropping pattern practiced by the sample farmer was BR 14-BR32-Kanchan. It was also revealed that Human labour cost and Animal power cost was higher for Aman than Aus and Wheat. But material input cost, was higher for Wheat than Aus and Aman. Gross return and net return was Highest for Aman too. Highest technical efficiency was found in case of Aman. Sufficient supply of good quality seeds and low price of inputs should be ensured to encourage farmer to grow rice and wheat in their plot.