

# COMPARATIVE ECONOMIC IMPACT OF COMMUNITY FARMING AND TRADITIONAL FARMING ON BORO RICE CULTIVATION AT SADAR THANA UNDER SATKHIRA DISTRICT

**Major Professor and Supervisor: Dr. S. M. Fakhru Islam**

Author Name: Md. Marufuzzaman

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## ABSTRACT

The present study was undertaken to identify the socio-economic condition, profitability analysis of Boro Rice cultivation and how efficiently farmers functioning under different farming systems. The study was mainly based on data of 100 samples, which were randomly chosen from two strata: Community farmers and Traditional farmers, Puraton Satkhira, Jiala, and Maskhola villages of Sadar thana under Satkhira district were purposively selected. The survey was carried out during May 2002, after end of Boro season. Average size of respondent's family members was 6 for both Community farmers (CF) and Traditional farmers (TF). Maximum CF fall in 35-45 age group and maximum TF fall in age group of 45-55. The rate of illiteracy is remarkably lower (8%) for CF than TF (32%). Both CF and TF possess very small amount of land for their own that is 23.23% and 22.4% of their total cultivable land, respectively. Farmers carried very small amount of livestock and farm machinery of their need. The 56% of CF and 60% of TF engaged in loan receiving. In average 79.5% loan came from different formal sources and 21.5% came from non-formal sources. Average 77% farmers received training on one or several subjects. Per hectare cost of Boro rice cultivation of CF was Tk. 34673 in full cost basis and Tk. 30874 in cash cost basis and the figures for TF were Tk. 39838 and 32599 and the yield were 5624 and 5032 kg. respectively. Production cost of per kg rice for CF was Tk. 6.16 and for TF was Tk. 7.9, The per hectare return for CF in full cost basis was Tk. 17623 and in cash cost basis was Tk. 21422 and for TF the figures were Tk. 3856 and 11059 respectively. The BCR for CF and TF were 1.5 and 1.1 in full cost basis and 1.70 and 1.34 in cash cost basis. Farmers of CF minimized their production cost and increased profit compare to TF, It happened probably due to their community spirit.