

# COMPARATIVE ECONOMICS OF HYV-BORO AND HYBRID RICE PRODUCTION IN TERMS OF PROFITABILITY AND EFFICIENCY IN MYMENSINGH

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

Author Name: A.M. Shamsuddula

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## ABSTRACT

The study was under taken in *Boro* season of year 2003. The main objective was to determine the profitability and efficiency of *HYV-Boro* rice and Hybrid rice. Four Thanas of Mymensingh district were selected as study area. One hundred and sixty (160) Hybrid rice growers were chosen randomly from the areas. Field level survey was done to collect the data. To determine profitability Gross Margin (GM), Net Return (NR), and Benefit Cost Ratio (BCR) were calculated. Cobb-Douglas production function was used to determine the efficiencies of rice growers. Net Return from *HYV-Boro* rice and Hybrid rice were calculated Tk 9358.10 and Tk 21039.68 respectively. The BCR of Hybrid rice (1.33) was also higher than the *HYV-Boro* rice (1.20) production. In efficiencies analysis *HYV-Boro* rice shows better performance than the Hybrid rice production. The factor affects inefficiencies were farm area, fanning experience, education level, and family size. The Economic Efficiency (EE) of *HYV-Boro* rice growers was 0.88 and Hybrid rice growers were 0.68. These indicate that there was more opportunity to increase EE of Hybrid rice production than *HYV-Boro* rice production.