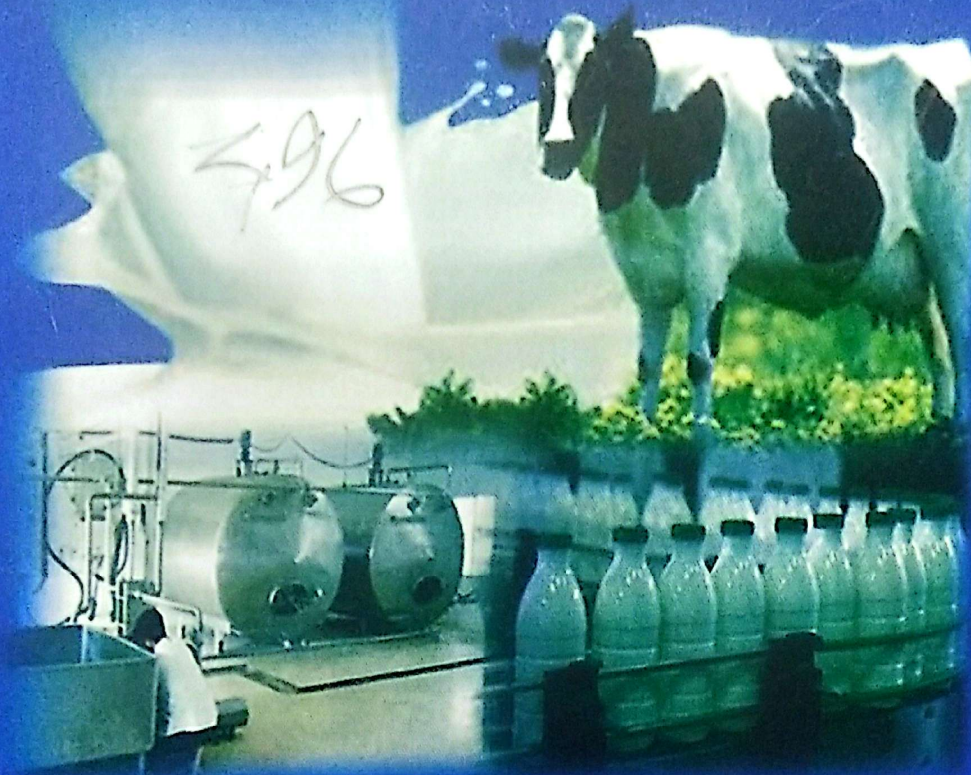


**Existing Status of Dairy Milk Production,
Processing and Marketing of Small Milk Producers
at Sherpur Upazila of Bogura District**



**Dr. Zinat Fatima
Md. Abdul Alim
Dr. Muhammad Riazul Islam
Dr. Samir Kumar Sarkar
Abdullah Al Mamun**



**Rural Development Academy (RDA), Bogura
Bangladesh**

Acknowledgement

This study was undertaken to assess existing status of dairy milk production and processing at Sherpur upazila of Bogura district and development of marketing system of milk based value added food products for livelihood improvement of small milk producers. First of all the researchers would like to express the deepest gratitude to the Almighty for His mercy extended to us to complete this research report, manages each and everything soundly. We would like to express our sincere and heartfelt gratitude to Honorable Director General (DG) of Rural Development Academy (RDA), Bogura Mr. Md. Aminul Islam (Additional Secretary) for providing us with invaluable guidance and support throughout this research work.

The researchers like to acknowledge the contribution made by Dr. Md. Munsur Rahman, Director, Research and Evaluation Division and Dr. Md. Abdur Rashid, Director, Farm Technology, Irrigation and Water Resoureses Management for their constant advice and constructive criticisms nourished our interest in the subject and provided a free and pleasant atmosphere to work against all odds.

We would like to thanks to research support team of RDA for their contribution during data collection and Focus Group Discussion (FGD) and also sincere gratitude to all the respondent farmers of Sherpur upazila for their valuable time and cooperation and took all the troubles in providing the necessary information in spite of the busy schedule.

Last but not the least; the authors are thankful to all the Faculty members and employee of Rural Development Academy (RDA), Bogura for their support to successful completion of the study.

The Researchers

Executive Summary

The present study was an exploratory and experimental study undertaken to assess current status of dairy milk production and processing at RDA research area and proposed measures for development of marketing system of milk based value added food products for livelihood improvement of small milk producers. The study found that approximately 20,813 -21,000 liter milk was produced per day by the farmers in the study areas whereas, total milk consumption per day was 12,500-15,000 liter in different processing plant for the production of various milk based food products and rest of the milk (6,000-8,313 liter) was sold in local market per day without maintaining any milk marketing channel and scientific way of milch cow rearing facilities there. Most of the farmers followed the traditional way of cow rearing due to lack of technology like feeding, Management, breeding, milking, treatment etc. They sold their milk into local market according to daily demand and supply basis spot pricing system. Besides, there was no milk producers group as well as no chilling center was available in study areas. An average 39-40 Taka per liter milk were sold all year round. This is nearly similar to production and sometimes farmers faced cost problems for selling their milk especially in the rainy season. The present study given some interventions for increasing the milk production at two sites of the study areas and result found that by using modern technology and proper guidance milk production increased consecutively four month. To overcome the pricing problem the researchers suggested them to follow the Bangladesh Milk Producers' Cooperative Union Limited provided milk pricing system i.e. according to fat percentage of the milk. There were no cooperative society or NGOs available for collecting their milk. Finally research teams proposed a primary society for milk production and collection and establish a chilling plant at RDA processing center for timely processing, preservation and marketing and also propose a price index on fat content of milk for ensuring all year round fair price of the farmers.

Key words: Milk production, milk marketing, chilling plant, milk value addition, cooperative society.