Table of Contents

[List of Figures ii](#_Toc465433539)

[List of Tables ii](#_Toc465433540)

[ACKNOWLEDGEMENTS iii](#_Toc465433541)

[Abstract iv](#_Toc465433542)

[Chapter I 1](#_Toc465433635)

[Introduction 1](#_Toc465433636)

[Chapter II 3](#_Toc465433637)

[Methods and Materials 3](#_Toc465433638)

[2.1. Study Area: 3](#_Toc465433639)

[2.2. Study Period: 4](#_Toc465433640)

[2.3. Sources of data: 4](#_Toc465433641)

[2.4. Study Design: 4](#_Toc465433642)

[2.5. Methods of data collection: 4](#_Toc465433643)

[2.6. Data Analysis: 5](#_Toc465433644)

[Chapter III 6](#_Toc465433645)

[Results and Discussion 6](#_Toc465433646)

[3.1. Productive trait of the farm: 6](#_Toc465433647)

[3.2. Milk production and service per conception rate 6](#_Toc465433648)

[3.3. Reproductive abnormalities and disease outbreak: 8](#_Toc465433649)

3.4. Environmental adaptability………….………………………………………9

[Chapter IV 10](#_Toc465433650)

[Conclusion 10](#_Toc465433651)

[Chapter V 11](#_Toc465433652)

[Limitations of the study 11](#_Toc465433653)

[Chapter VI 12](#_Toc465433654)

[References 12](#_Toc465433655)

[Chapter VII 14](#_Toc465433656)

[Brief Biography of the student 14](#_Toc465433657)

**List of Figures**

[Figure 1: Map of study area ( Faridpur District ) 3](#_Toc465433119)

[Figure 2: Data collection 5](#_Toc465433120)

[Figure 3: Milk production and service per conception rate (SCR) in different group of crossbred cattle 8](#_Toc465433121)

# List of Tables

[Table 1: Some productive trait of the selected farm 6](#_Toc465433324)

[Table 2: Milk production and service per conception rate (SCR) in different group of crossbred cattle 7](#_Toc465433325)

[Table 3: Reproductive abnormalities and disease outbreak in different exotic blood percentage cattle 8](#_Toc465433326)

[Table 4 : Environmental adaptability 9](#_Toc465433327)

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# Abstract

A study was carried out on the productivity and adaptability performance of crossbred dairy cattle in a selected dairy farm in Faridpur District, Bangladesh. A total of 40 cattle were randomly selected and data on blood percentage, milk production, service per conception and disease outbreak were recorded in a pre-structured questionnaire. The mean blood percentage, milk production, age, weight, parity and service per conception were 60 ± 11.39, 8.65 ± 1.81, 9.55 ± 1.65, 353.38 ± 32.96, 3.08 ± 0.92 and 2.01 ± 0.31, respectively. The highest milk production was 11.5 liters in Sahiwal 25% × Friesian 75% and lowest milk production was 7.74 liters in Local 50% × Friesian 50%. Higher blood percentage exotic crossbred produce high amount of milk and lower blood percentage cows produced low amount milk. The maximum level of dystocia was 54.55% in Local 37.5% × Friesian 62.5%. And higher blood percentage cows were significantly more risk at Dystocia and lower blood percentage cows were significantly risk at disease outbreak. The exotic crossbred cattle were suitable in that environment in terms pre-set assessment criteria. Most of the peoples are wanted to rearing crossbred cows due to more milk production. On the outcome of this study is higher blood percentage cows provides more milk productions and having a little bit risk of Dystocia then lower blood percentage cows.

**Key words:** Productivity, Adaptability, Crossbred, Outbreak