**PRODUCTION PERFORMANCE OF PREPARED BENEFICIAL ORGANISM ON LACTATING COWS**



**A Report Submitted by:**

Intern ID: C-23

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Session: 2006-2007

**AS THE PARTIAL FULFILLMENT FOR THE DEGREE OF DOCTOR OF VETERINARY MEDICINE (DVM)**

Faculty of Veterinary Medicine,

**Chittagong Veterinary and Animal Sciences University**

**Khulshi, Chittagong - 4202.**

**February, 2013**

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**A Report Submitted as Per Approved Style and Content**

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**ACKNOWLEDGEMENT**

These are few lines of acknowledgement can never substitute the deep appreciation that I have for all those without whose help, support and inspiration this dissertation would not have taken its present shape.

The author is ever grateful and indebted to the **Almighty Allah**, the creator and soul authority of universe, who enabled me to complete this work successfully.

The author express his deepest sense of gratitude, sincere appreciation and profound regards to authors reverend teacher, Professor, **Ashraf Ali Biswas, supervisor ,** Head of the Dept. of Animal Science and Animal Nutrition, Chittagong Veterinary and Animal Sciences University for his scholastics guidance, uncompromising principles, sympathetic supervision, valuable advice, constant inspiration, radical investigation and constructive criticism in all phases of this study and preparing the manuscript.

I take the opportunities to express my deepest sense of respect and appreciations to the honorable Vice Chancellor **Prof. Dr. A. S. Mahfuzul Bari, DVM, Phd and** Prof**. Md. Masuduzzaman,** **DVM**. , **Dean,** Faculty of Veterinary Medicine, Chittagong Veterinary and Animal Sciences University.

I express my sincere gratitude to **all teaching** and **non teaching staff** members of my working departments for their support.

My sincere thanks to all of my **Friends** and well **Wishers** for their help, encouragement and inspiration during the study period and preparing a report.

**The Author:**

I

**Production performance of prepared beneficial organism**

**on lactating cows**

**ABSTRACT**

The study was conducted on the production performance of beneficial organism regarding enzyme for lactating cows by using locally available ingredients and by using beneficial organisms available in the market. The experiment was designed by 3 treatments groups and each treatment having three replications. Highest milk increased was in liquid group (342.86±27.66 ml) and lowest milk increased was (106.25±72.23ml). In case of commercial group, highest milk increased was in liquid group (298.75±17.98 ml) and lowest milk increased was (121.43±34.26ml) and in case of prepared group highest milk increased was in liquid group (509.42±20.34 ml) and lowest milk increased was (202±43.44ml). In our study we used two prepared beneficial organisms. One was liquid at the rate of 8 tk. /250 ml and other one was powder at the rate of 15 tk. /250 gm. The commercial beneficial organisms was also used at the rate of 125 tk. /250 gm. Due to high price of the marketed product the poor farmer are not able to use in their livestock feed . We can use the prepared beneficial organism efficiently and it is also economically viable in case of lactating cow.

**Key words:** Enzyme, Beneficial organisms, Cellulase, Xylanase, locally available ingredient.

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