

Title: Study on present status of dairy farming at sadar upazila of Rangpur district

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ABSTRACT

This study was conducted to investigate the present status of dairy farming through field survey at Rangpur Sadar Upazila, Rangpur, Bangladesh during December 2020 to December 2021. Total 14 indigenous and 95 crossbred cows were selected randomly. Most of the farmers were male (25-35 years) where the graduated people (17.24%) were found involved in dairy farming. With regards to housing system, the percentage of rearing system was found equal and majority of the farmers could not afford fodder cultivation (70%). In case of cross breed animals like HF cross the farmers provided green grass and concentrate in a high amount 11.03 ± 0.76 kg and 4.82 ± 0.33 kg per animal per day respectively. Likewise, straw feeding found higher in indigenous animals (06.64 ± 0.55 kg/animal/day). Most of the farmers followed AI (91.7%) by frozen semen (99.08%) for reproduction purpose in which 37.61% cows need double services for conception. The age of first puberty was lower (19.97 ± 0.57 months) in HF cows. In contrast, the average number of service per conception was lower in indigenous cows which were 1.95 ± 0.14 . The average milk yields of indigenous, HF and SL crossbred cows were 2.36 ± 0.118 , 15.07 ± 0.457 and 3.2 ± 0.287 L/day/cow, respectively. However, enhance the availability of feeds and fodder, proper market price of milk and minimization of veterinary cost might be improve the dairy production at the study area as well as other district of Bangladesh.

BIOGRAPHY

Asib Ahmed has completed his B.Sc. Vet. Sci. & A.H. at the age of 25 years from Sher-e-Bangla Agricultural University, Bangladesh. Now he is studying in Master's in the department of Animal Nutrition, Genetics & Breeding in the same university. As a profession, he is a veterinarian. He has an immense interest to develop his future carrier in Veterinary Research.