

Review Form 1.7

Journal Name:	Asian Journal of Research in Animal and Veterinary Sciences
Manuscript Number:	Ms_AJRAVS_118197
Title of the Manuscript:	Prevalence of Bovine Subclinical Mastitis and Associated Risk Factors at Sylhet District in Bangladesh
Type of the Article	Original Research Article

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes, this study aims to determine the prevalence of subclinical mastitis in the Sylhet district and identify associated risk factors.</p> <p>Yes</p> <p>Yes but improvement needed</p> <p>Improvement needed</p> <p>Yes</p> <p>Yes</p> <ol style="list-style-type: none"> The title of the manuscript should be consistently capitalized to enhance readability and professional presentation. The suggested title, "Prevalence of Bovine Subclinical Mastitis and Associated Risk Factors in Sylhet District, Bangladesh," is both concise and informative. This title effectively communicates the geographic focus and the key subject matter of the study The abstract should provide a clear and concise summary of the study's objectives, methods, results, and conclusions. The current abstract contains cumbersome phrases that hinder readability. A rephrased version could be: "On farms where farmers are illiterate (44.44%) and lack professional experience (44.44%), the frequency of subclinical mastitis is higher compared to those with some formal education and professional training. These findings suggest that educational interventions may help reduce the prevalence of subclinical mastitis." The introduction should present a structured overview of the problem, including a clear statement of the research question and objectives. For example: Subclinical mastitis is a prevalent issue in dairy farming, leading to significant economic losses. This study aims to determine the prevalence of subclinical mastitis in the Sylhet district and identify associated risk factors. Understanding these factors is crucial for developing effective control strategies. The manuscript reports prevalence rates without confidence intervals, which are crucial for understanding the precision and reliability of the estimates. Including confidence intervals alongside prevalence rates provides a more robust statistical representation of the data The methodology section requires more detailed information regarding sample size determination and the statistical tests employed. This would enhance the reproducibility and reliability of the study. For instance: "Sample size was determined using a standard formula for estimating proportions in a finite population, accounting for an expected prevalence of 30%, a margin of error of 5%, and a confidence level of 95%. Statistical analysis was conducted using chi-square tests for categorical variables and logistic regression to identify associated risk factors." The discussion of results should clearly link back to the study's aims and objectives. Interpretations should be directly connected to the presented data. For instance: The 	

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	<p>high prevalence of subclinical mastitis among farms with illiterate farmers underscores the need for targeted educational programs. This finding is consistent with previous studies that highlight the importance of farmer education in managing bovine health. A detailed discussion on the reasons for differences or similarities between this study's findings and those of other studies is essential. This could include factors such as variations in farming practices, geographic and climatic conditions, and differences in study design. The conclusion should provide specific recommendations based on the study's findings. Instead of vague statements, more decisive language should be used</p> <p>6. A thorough grammatical review of the manuscript is necessary. For instance, "the patient's history and clinical signs" should be corrected to "the animal's history and clinical signs." Ensuring grammatical accuracy will improve the manuscript's overall readability and professionalism. The reference list should be consistently formatted according to the journal's guidelines, including proper punctuation and order of information</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Grammatical improvement needed	
<p>Optional/General comments</p>		

PART 2:

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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