

Review Form 3

Journal Name:	Microbiology Research Journal International
Manuscript Number:	Ms_MRJI_121689
Title of the Manuscript:	Prevalence study of Bovine Brucellosis in Meghalaya: North-East State of India
Type of the Article	

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The findings indicate a significant prevalence of bovine brucellosis in Meghalaya, attributed to factors such as increased cattle trade, movement of livestock from other states, and possible cross-border transmission. The presence of sero-positive reactors suggests foci of infection, necessitating urgent attention from stakeholders in the dairy industry and animal husbandry.	
Is the title of the article suitable? (If not please suggest an alternative title)	<p>NO</p> <ol style="list-style-type: none"> 1. "Seroprevalence and Risk Factors of Bovine Brucellosis in Meghalaya, Northeast India" 2. "Assessing the Prevalence and Risk Factors of Bovine Brucellosis in Meghalaya, Northeast India" 	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	It is not comprehensive. Therefore, the abstract should succinctly summarize the key findings, methodologies, and implications of the study for clarity and impact.	
Are subsections and structure of the manuscript appropriate?	No	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	The study highlights the high prevalence of bovine brucellosis in Meghalaya and the need for enhanced surveillance and control measures. Educational programs focusing on preventive measures are essential to mitigate the risk of transmission to humans and reduce production losses in the dairy sector.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	They are very sufficient although they have old references .	

Review Form 3

<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Not suitable for scholarly communications.</p>	
<p>Optional/General comments</p>	<p>Sentence Structure and Grammar: The introduction contains several awkwardly constructed sentences that could benefit from revision for clarity. For instance, phrases like "Meghalaya is one of the State located in the North East Region of India" should be corrected to "Meghalaya is a state located in the Northeast region of India."</p> <p>Consistency in Terminology: The article switches between using "Brucella" and "brucellosis" without clear context. It would be beneficial to define "Brucella" as the genus of bacteria causing the disease and "brucellosis" as the disease itself, ensuring consistent use throughout.</p> <p>Based on the review of the manuscript titled "Prevalence study of Bovine Brucellosis in Meghalaya: North-East State of India," the overall marks I would assign to this manuscript is 7 out of 10.</p> <p>Justification for the Score: Strengths:</p> <p>Relevance: The study addresses a significant public health and agricultural issue in Meghalaya, where livestock farming is crucial.</p> <p>Methodology: The use of serological tests (RBPT and iELISA) and the Milk Ring Test (MRT) provides a robust approach to assessing prevalence.</p> <p>Identification of Risk Factors: The manuscript effectively identifies and discusses various risk factors associated with brucellosis, which is valuable for stakeholders.</p> <p>Areas for Improvement:</p> <p>Clarity and Organization: The results section could benefit from clearer organization and presentation, such as tables or figures to illustrate findings.</p> <p>Statistical Analysis: The manuscript lacks detailed statistical analysis, such as confidence intervals or p-values, which would strengthen the validity of the findings.</p> <p>Discussion of Limitations: The manuscript should explicitly discuss the limitations of the study, such as potential biases in sampling and the absence of gold standard diagnostic methods.</p> <p>Future Research Directions: Recommendations for future research are lacking, which would provide a more comprehensive outlook on the issue.</p> <p>Ethical Considerations: While the manuscript does not explicitly mention ethical approval or consent from livestock owners, it is crucial to address these aspects to ensure compliance with ethical standards in research.</p> <p>Conclusion</p> <p>The manuscript presents valuable insights into the prevalence of bovine brucellosis in Meghalaya, but it requires improvements in clarity, statistical rigor, and acknowledgment of limitations. Addressing these areas could enhance the manuscript's overall quality and impact, potentially raising the score in future evaluations.</p>	

PART 2:

	<p>Reviewer's comment</p>	<p>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>
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

Reviewer Details:

<p>Name:</p>	<p>Mahmud Emkay Sesay</p>
<p>Department, University & Country</p>	<p>Njala University, Sierra Leone</p>