Review Form 1.7

Journal Name:	**Asian Journal of Advances in Agricultural Research**
Manuscript Number:	**Ms_AJAAR_119739**
Title of the Manuscript:	**CIRCULATING FOOT AND MOUTH DISEASE AND VACCINE-INDUCED ANTIBODIES IN BULLS**
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

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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)*
Compulsory REVISION comments **1. Is the manuscript important for scientific community?** (Please write few sentences on this manuscript) **2. Is the title of the article suitable?** (If not please suggest an alternative title) **3. Is the abstract of the article comprehensive?** **4. Are subsections and structure of the manuscript appropriate?** **5. Do you think the manuscript is scientifically correct?** **6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.** **(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)**	**Yes, the manuscript is important for the scientific community. Foot and Mouth disease is a prevalent infectious disease of cloven-hoofed animals viz goat, cattle, buffalo, and pig which causes major economic losses to the farmers whose livelihood depend upon rearing the animal for various purposes. Therefore, scientific study or research must be conducted to reduce the prevalence of FMD.** **Suggested Title of the article: "Estimation of Antibody titre of vaccinated bulls for different Strains of FMD Virus"** **Yes, the subsection and structure of the manuscript are appropriate and make the whole article scientific.** **Yes, the manuscript is scientifically correct because appropriate methodologies with statistics have been applied in composing the article. It can also be replicated.** **The references need to be modified in the following way** **1. Paragraphs of references should be in hanging style (modified in the corrected article and attached in reply mail** **2. References should be Alphabetically ordered.**	
Minor REVISION comments **1. Is the language/English quality of the article suitable for scholarly communications?**	The language in the manuscript needs to be rewritten 1. 1st line of the abstract emphasizes the importance of Artificial Insemination (AI), but in the whole article, there are no relationships mentioned regarding AI and FMD. Therefore, First line of the abstract should be modified according to the theme of the article. It should be as follows, Foot and Mouth disease is a highly contagious disease that is caused due to different strains of Virus of the family *Picornaviridae* The first line of the article has been corrected and has been attached to the mail. 2. 4th sentence of the abstract Moreover, no research has been done to determine if animals in endemic areas develop natural immunity or whether animals in disease-free regions might be seropositive, even though FMD is known to occur in some endemic parts of Kenya while it is not in other regions. 3. 1st sentence of the conclusion needs to be revised. The conclusion can be rewritten as follows Several strains of the virus are responsible for causing FMD in bulls irrespective of the region either endemic or non-endemic. In the FMD endemic region, all the sampled bulls were fully protected against strains of viruses viz. O, A, and SAT 1 whereas, 29 bulls were protected against the SAT 2 strain of the viruses. In the FMD non-endemic region 23.8%, 10.3%, 2.56%, and 7.69% of the bulls were protected against virus strains O, A, SAT 1, and SAT 2, respectively. The serology tire levels generated against the FMD viruses in the bulls raised in the non-endemic area varied from 1.36 to 1.51 at Log10, whereas the Log10 of the titer levels in the disease-endemic area varied from 1.85 to 2.41.	

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Optional/General comments		

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?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

Name:	**Narendra Kumar Sharma**
Department, University & Country	**Bihar Agricultural University, India**