

**Review Form 3**

Journal Name:	<b>Journal of Experimental Agriculture International</b>
Manuscript Number:	<b>Ms_JEAI_123019</b>
Title of the Manuscript:	<b>Export Dynamics and Strategic Directions: Analyzing India's Livestock Sector</b>
Type of the Article	<b>Original Research Article</b>

## Review Form 3

### PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>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.</b></p>	<p>This manuscript is important for the scientific community because it provides a comprehensive analysis of the export dynamics and strategic directions of India's livestock sector, a vital component of the country's agricultural economy. It offers valuable insights into the growth trends, stability, and challenges faced by various livestock product categories, which can help policymakers and industry stakeholders in formulating informed strategies for boosting export performance. I appreciate the manuscript's thorough use of statistical methods, such as the Compound Annual Growth Rate (CAGR) and the Cuddy-Della Valle Index (CDVI), to analyze data, as well as its clear presentation of state-wise export performance. However, the manuscript could benefit from a more detailed discussion of the limitations of the study and potential areas for future research.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>The title "Export Dynamics and Strategic Directions: Analyzing India's Livestock Sector" is quite effective, but here are a few considerations for refinement:</p> <ul style="list-style-type: none"> <li>• If the article's primary focus is on specific products (like buffalo meat and dairy products) or specific aspects (like state-wise performance), this could be reflected in the title. For instance, "Export Dynamics of India's Livestock Sector: A Detailed Analysis of Buffalo Meat and Dairy Products" might be more precise.</li> <li>• If the article covers specific time periods or includes in-depth data analysis, mentioning these could add clarity. For example, "Export Trends and Strategic Directions in India's Livestock Sector (2009-2022)" emphasizes the time frame covered.</li> <li>• Incorporating major findings or themes, like "Growth and Stability," could make the title more engaging. For example, "Growth, Stability, and Strategic Directions in India's Livestock Export Sector" reflects the analysis of trends and stability.</li> </ul>	
<p><b>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.</b></p>	<p>The abstract provided is quite comprehensive, covering a range of important aspects related to the performance and dynamics of the Indian livestock export sector. However, there are a few areas where clarity and detail could be improved:</p> <ul style="list-style-type: none"> <li>• Specify Data Sources and Methodology: Briefly mention the type of data and methodology used for the analysis. For example: "The study utilized export data from government sources and conducted a statistical analysis to assess trends and stability."</li> <li>• Detail the Impacts and Implications: Provide more detail on the implications of the findings. For instance:</li> <li>• Pandemic Impact: "Despite challenges posed by the COVID-19 pandemic, the sector showed resilience with a 13.98% growth in exports for 2021-22, aided by government initiatives."</li> <li>• Highlight Key Findings More Clearly: Emphasize the most significant findings in a structured manner. For instance: <ul style="list-style-type: none"> <li>○ Overall Export Growth: "The overall export value increased significantly from ₹22,092.62 crore in 2011-12 to ₹48,947.55 crore in 2021-22, reflecting a compound annual growth rate (CAGR) of 4.90%."</li> <li>○ Product-Specific Insights: "Buffalo meat emerged as the leading export product, while dairy products exhibited a notable growth rate."</li> </ul> </li> </ul>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>The manuscript is well-structured, including all the essential sections: abstract, introduction, methodology, results and discussion, and conclusions. This structure facilitates understanding and navigation through the text.</p>	
<p><b>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.</b></p>	<p><b>The manuscript makes a significant contribution to the analysis of export performance in the Indian livestock sector, a relevant and current topic. It highlights the growth in exports and their impact on the rural economy.</b></p> <p>The methodology is appropriate for the study's purpose. The use of the compound annual growth rate (CAGR) and the Cuddy-Della Valle instability index (CDVI) is justified and well explained. The methods are described in sufficient detail; however, a further clarification of the Markov model and its applicability to the export data would facilitate replication.</p>	

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	Data analysis is correct, and the use of statistical methods is appropriate. Tables and figures are clearly presented and support the arguments of the manuscript. The interpretations are well-founded and correlated with the presented data. However, it is recommended to mention any limitations of the analysis to provide a complete picture.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b> :	Incorrect citation representation in the text; according to author guidelines, citations should be indicated by reference numbers in brackets. The source of the graphs is missing (whether they are taken from elsewhere or original). Figures and tables should be placed immediately adjacent to their citation in the text to avoid confusion. Table 1 is not cited. Reference "Kumar (2022) appears in reference section, but not in the text.	
<u>Minor</u> REVISION comments  <b>Is the language/English quality of the article suitable for scholarly communications?</b>	The language used is clear and concise, but there are some areas where the phrasing could be improved to avoid ambiguities. For example, in the introduction section, sentences are sometimes too long and complex, which can hinder understanding.	
<u>Optional/General</u> comments		

**PART 2:**

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

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