

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_126674
Title of the Manuscript:	Performance Assessment of a Manually Operated Farmyard Manure Spreader
Type of the Article	Original Research Article

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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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)
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.	Assessing the performance of a manually operated farmyard manure spreader is essential to optimize its efficiency and functionality, especially for farmers who rely on affordable and sustainable tools. A detailed evaluation helps identify the effectiveness of manure distribution, ensuring nutrients are spread uniformly to enhance soil fertility and crop yield. Additionally, understanding the spreader's performance can aid in improving its design, reducing labor intensity, and supporting environmentally friendly agricultural practices.	
Is the title of the article suitable? (If not please suggest an alternative title)	Performance assessment and Optimization of a Manually Operated Manure Spreader	
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.	The performance assessment of a manually operated farmyard manure spreader holds several benefits. First, it ensures precise and even distribution of manure, which is crucial for improving soil health and boosting crop production. Secondly, evaluating its efficiency can help in minimizing labor requirements and operational costs, making it more suitable for smallholder farmers. Furthermore, by assessing performance, opportunities for design enhancements can be identified, resulting in a more durable, user-friendly, and environmentally sustainable tool for small-scale agriculture.	
Are subsections and structure of the manuscript appropriate?	Yes	
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.	Describe the spreader machine, Describe spreader machine's utility, Existing methods should be described elaborately, The process of manure application is very short, The general framework System with a diagram and working principle of the machine should be properly described, Evaluation of the spreader's performance should be mentioned, The simulation process should be mentioned, Labeling should be enlisted in the diagram, Spreading amount and timing should be mentioned	

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Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Suitable	
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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Bibek Ishore
Department, University & Country	Dr. Rajendra Prasad Central Agricultural University, India