

ReviewForm3

JournalName:	JournalofScientificResearchandReports
ManuscriptNumber:	Ms_JSRR_123539
TitleoftheManuscript:	TECHNO-ECONOMICFEASIBILITYSTUDYOFTRACTORPTOOPERATEDSHREDDERCUMPULVERIZER
TypeoftheArticle	

PART1: ReviewComments

CompulsoryREVISIONcomments	Reviewer'scomment	Author'sFeedback(Pleasecorrectthemanuscriptandhighlightthatpartinthemanuscript.Itismandatorythatauthorsshouldwritehis/herfeedbackhere)
<p>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.</p>	<p>This manuscript is important for the scientific community as it tackles the environmental challenge of crop residue burning by introducing a tractor PTO operated shredder cum pulverizer. It promotes sustainable agricultural practices by converting waste into valuable resources like compost and biomass. I appreciate its thorough evaluation of performance parameters and potential benefits for soil health and emissions reduction. However, it could improve by discussing the long-term economic impacts and scalability of the technology in various agricultural contexts, enhancing its broader applicability.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title "Techno-Economic Feasibility Study of Tractor PTO Operated Shredder Cum Pulverizer" is appropriate as it reflects the study's focus. However, a more engaging alternative could be: "Innovative Solutions for Sustainable Agriculture: Evaluating the Performance and Economic Viability of a Tractor PTO Operated Shredder Cum Pulverizer for Crop Residue Management." This suggestion emphasizes innovation and sustainability, appealing to a wider audience.</p>	
<p>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.</p>	<p>To improve the abstract, consider the following suggestions:</p> <ol style="list-style-type: none"> Objectives: Clearly state the study's aim, addressing the issue of crop residue burning. Methods: Briefly describe the evaluation methodology, including the crop residue tested and parameters measured. Key Findings: Highlight significant results, such as maximum shredding capacity and size reduction, along with trends related to feed rate and moisture content. Implications: Include a statement on the findings' broader implications for sustainable agriculture and waste management. Conciseness: Ensure the abstract is clear and accessible, avoiding unnecessary jargon. <p>These additions will make the abstract more comprehensive and impactful.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>To assess the appropriateness of the manuscript's subsections and structure, consider the following:</p> <ol style="list-style-type: none"> Logical Flow: Ensure a clear progression from the introduction to the conclusion. Clear Subsections: Each major section should have well-defined subsections addressing specific research aspects. Relevance: All subsections should contribute meaningfully to the study. Consistency: Maintain uniform formatting and style throughout. Sufficient Detail: Provide enough information in each subsection without overwhelming the reader. <p>If these criteria are met, the structure is likely appropriate; if not, consider reorganizing or adding subsections for clarity.</p>	

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<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technical</p>	<p>The manuscript is scientifically robust and technically sound due to its comprehensive methodology and rigorous data analysis. It utilizes established techniques, like sieve analysis, to ensure reliable results while examining the effects of various parameters on shredding capacity. The research is well-</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The references in the manuscript include a mix of recent and older studies, which provide a foundational context. However, adding more recent studies from the last 3-5 years on agricultural waste management and shredding technologies would enhance its credibility. Suggested additional references could focus on environmental impacts, innovative processing technologies, and the economic aspects of shredders in</p>	

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Minor/REVISION comments Is the language/English quality of the articles suitable for scholarly communications?	The language and English quality of the article are generally suitable for scholarly communication, using appropriate technical terminology and clear presentation. However, minor revisions for clarity and conciseness could enhance readability. Overall, with some adjustments, the language can effectively convey the research findings to a scholarly audience.	
Optional/General comments	The manuscript is well-structured, but some sections could benefit from clearer transitions between ideas to enhance the overall flow. Consider using more visual aids, such as graphs or tables, to present data more effectively. This can help readers quickly grasp key findings. Expanding the literature review to include more recent studies would strengthen the context and relevance of the research. Providing more detailed descriptions of the methodology could improve reproducibility and allow readers to better understand the experimental setup. The conclusion could be expanded to discuss the broader implications of the findings for agricultural practices and future research directions.	

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:

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