

**ReviewForm3**

Journal Name:	<a href="#">JournalofScientificResearchandReports</a>
ManuscriptNumber:	Ms_JSRR_123539
TitleoftheManuscript:	TECHNO-ECONOMIC FEASIBILITYSTUDY OFTRACTOR PTOOPERATED SHREDDER CUMPULVERIZER
TypeoftheArticle	

**PART 1:ReviewComments**

<b>Compulsory</b> 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>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 holds significant value for the scientific community as it addresses a crucial challenge in agricultural residue management, specifically crop residue burning, which has severe environmental consequences. By evaluating the performance of a tractor PTO-operated shredder compulverizer, the study offers a practical solution for processing various crop residues like coconut husks, fronds, and corn stalks into more usable forms such as compost. The machine's techno-economic feasibility not only provides an alternative to residue burning but also promotes sustainable practices like biomass production and vermicomposting. I appreciate this manuscript for its comprehensive approach, combining agricultural engineering with environmental sustainability, which contributes to both resource optimization and ecological preservation.</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 CUMPULVERIZER" is suitable, as it captures the core elements of the study—technical and economic feasibility, tractor PTO operation, and the specific focus on a shredder compulverizer machine.</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>Yes</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The subsections and structure of the manuscript seem well-organized and appropriate for a technical or engineering journal focused on agricultural machinery or agricultural engineering.</p>	
<p>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.</p>	<p>This manuscript presents a scientifically robust investigation into the performance evaluation of a tractor PTO-operated shredder compulverizer machine, focusing on its application in managing agricultural waste. The study is grounded in substantial quantitative data collected through systematic experimentation, which includes analyzing key parameters such as shredding capacity, size reduction, and operational conditions (feed rate, speed, and moisture content). The use of established methodologies, such as sieve analysis for size reduction and careful monitoring of operational metrics, further supports the technical soundness of the research.</p>	

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<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>-</p>	<p>Most of your references are somewhat dated, especially those from 2009 and 2014. The only recent references are from 2020 and 2021, and none from 2024. Journals are increasingly favoring recent studies (within the last 5 years) to ensure relevance. Updating your references to include more recent studies and diversifying the topics covered will significantly enhance the quality of your research study.</p>	
<p><u>Minor REVISION</u> comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</p>	
<p><u>Optional/General</u> comments</p>		

**PART 2:**

	<p><b>Reviewer's comment</b></p>	<p><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)</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:**

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<p>Department, University &amp; Country</p>	<p><b>Mindoro State University, Philippines</b></p>