

Review Form 1.7

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_111650
Title of the Manuscript:	Development of Pendulum Impact Cutter for Measurement of Cutting Force and Energy of Plant Stalks
Type of the Article	Original Research Article

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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 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. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> 1. The paper is so important for development of science to alleviate the human problem, especially for farmers. So, it is important for scientific community. 2. It is better if the title is like "Design of a Pendulum Impact Cutter to Measure Plant Stalk Cutting Force and Energy" 3. The abstract is clear, comprehensive and sound 4. Sections and subsections are appropriately written. 5. The mathematical expression is properly defined and expressed. But, the formulas are not written by equation formula. I suggests how it is written on manuscript. I think that the manuscript s scientifically correct. 6. The references are not written by numbering library. I correct it on manuscript. All references are resent. The references are from year 2016-2022. 7. Some spelling and grammatical errors are suggested as comment to correct in the manuscript 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>Yes it is.</p>	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> ✓ There are many correction on manuscript writing. I wrote the correct spelling errors, mathematical formulas, Captions and the like. It is better for the author to see the manuscript gain. ✓ There is no page in manuscript. I insert page number. ✓ On page 7, the table must be properly expressed. ✓ On the conclusion part, the author did not mention which edge blade is more effective . He/she did not give suggestion of the results obtained with clear language for farmers and investors. ✓ What is the mathematical meaning of $\text{Cutting energy} \propto \text{Cutting force} \propto \text{stem diameter} \propto \frac{1}{\text{Moisture content of stalk}}$? How it is explained? 	

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
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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