

Review Form 1.7

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_113537
Title of the Manuscript:	Analyzing the Physical Characteristics of Garlic for Agricultural and Machinery Applications
Type of the Article	

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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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<ol style="list-style-type: none"> 1. yes 2. suggest to modify 3. yes 4. yes 5. need to correct typos mistakes 6. the references need to be improved. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>Need improvement</p>	
<p>Optional/General comments</p>	<p>The [Ms_ACRI_113537] entitled “Analyzing the Physical Characteristics of Garlic for Agricultural and Machinery Applications” reports in this paper, the experiments on garlic slices' bulk density, considering moisture levels, and explores the mechanical aspects affecting peeling and processing machinery. Moisture content considerations for storage, odor/flavor impact, and even the friction coefficient concerning bulb size underscore the complexity of garlic's engineering dynamics. By unraveling these properties, this study aims to fuel advancements in cultivation practices, machinery design, and processing technologies, enhancing efficiency and product quality in the agricultural and food engineering sectors.</p> <p>The manuscript will be accepted after addressing the major comments given below:</p> <ol style="list-style-type: none"> 1. There are English mistakes, and the grammar needs to be improved substantially. 2. The preface must be rewritten and focus on comparisons between authors' innovation points and previously reported works. 3. The title must be attractive. 4. The authors must cite these recent references for the improvement of literature; https://doi.org/10.1016/j.micpath.2017.12.039 https://doi.org/10.1016/j.ecoenv.2021.112027 	

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	<p>https://doi.org/10.1016/j.jphotobiol.2016.08.005</p> <ol style="list-style-type: none">5. Follow the journal format for writing headings and subheadings.6. In 2.6; The solvent Toluene (C₇H₈), changed into "C₇H₈".7. The quality of figure 2 is very poor. If possible, improve it.8. Acknowledgment is missing.9. I will recommend the acceptance of the MS after addressing the above mentioned comments.	
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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>	

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