

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_102807
Title of the Manuscript:	Optimization of machine parameters for the peeling of a commercial abrasive peeler for mother corm (<i>Colocasia esculenta</i>)
Type of the Article	Original Research Article

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

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy>)

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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> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>It seems that the abstract is not relevant to the paper title and keywords. Here are some comments that can be asked from the authors to address:</p> <p>Provide more details on the experimental setup: It would be helpful to include more details on the experimental setup, such as the type and model of the tuber peeling machine used, the size and shape of the mother corms, and the type and size of the abrasive material. This can help readers better understand the applicability and replicability of your findings.</p> <p>Clarify the statistical analysis: While you mention using the CCRD method of the response surface methodology (RSM) technique, it would be helpful to provide more details on the statistical analysis used and how the variables were chosen. Consider revisiting your methodology section and providing more information on the statistical analysis.</p> <p>Discuss the limitations of the study: It would be important to discuss the limitations of your study, such as the specific conditions under which your findings are applicable and the variability that may be present in different types of mother corms. This can help readers understand the scope and applicability of your findings.</p> <p>Provide practical implications: While your study presents valuable findings on the optimal parameters for peeling mother corms, it would be helpful to discuss the practical implications of your research for the food processing industry. Consider revisiting your conclusion section and discussing how your findings can inform future processing and equipment design.</p> <ul style="list-style-type: none"> Add to the literature some more papers: for example, these might be useful as well <p>1]. https://doi.org/10.14710/ijred.2021.38238</p> <p>2]. https://doi.org/10.46488/NEPT.2021.v20i05.008 https://doi.org/10.1155/2021/9012496</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>		
<p>Optional/General comments</p>		

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)
<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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