

Review Form 3

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_121067
Title of the Manuscript:	Physical and Functional Properties of Coloured Horse Gram (<i>Macrotyloma uniflorum</i>) Varieties and Flour
Type of the Article	Original Research Article

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PART 1: Review Comments

Compulsory 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 offers valuable insights into the physical and functional properties of different colored horse gram varieties, which is critical for optimizing their use in food and nutrition applications. By evaluating attributes such as hydration capacity, swelling power, and absorption capacities, the study provides a comprehensive analysis that can guide both agricultural practices and product development. The detailed comparison between varieties highlights their diverse applications and potential benefits, contributing to the broader understanding of minor legumes' roles in sustainable agriculture and nutrition.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Here is a suggestion - Comparative Analysis of Physical and Functional Properties of Colored Horse Gram Varieties (<i>Macrotyloma uniflorum</i>) and its flour.</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>Abstract sounds good- no correction needed.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</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>The detailed comparative analysis enhances the reliability of the results, offering valuable insights for both academic research and practical applications.</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 cited are quite outdated, and several references are missing in both the introduction and methodology sections.</p>	

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<ul style="list-style-type: none">• Yes- write-up quality is fine. Few correction in paraphrasing.• Minor revision are marked in manuscript. Please make those changes.• Lack of citation in introduction part. (highlighted with yellow color)• Some typo style correction.• Which varieties of brown, cream and black have been used for the study? Brown, cream and black are the just morphological feature of seed. It is advised to mention varieties name also.• Missing citation in methodology.• Heading 2.1.4 and 2.1.7 are same. Remove any one of these.• Mistake in citing the methodology method in result and discussion part. (Check the comments marked in manuscript.• Conclusion part should be improved further as per the objective defined in beginning.	
<p><u>Optional/General</u> comments</p>	<p>Check comments in manuscript.</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>	

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