

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_129342
Title of the Manuscript:	Effect of Germination, Drying, Milling and Sieving on the Nutritional quality of Foxtail Millet (<i>Setaria italica</i>)
Type of the Article	Original Research Article

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This manuscript, "Effect of Germination, Drying, Milling, and Sieving on the Nutritional Quality of Foxtail Millet (<i>Setaria italica</i>)," holds significant importance for the scientific community as it explores the impact of various processing techniques on the nutritional profile of foxtail millet. The research highlights that germination, drying, milling, and sieving processes effectively reduce phytate content without severely affecting essential nutritional components. This is crucial since phytates, known as antinutrients, can hinder nutrient absorption and protein digestibility. By demonstrating that these processes can lower phytate levels, this study offers valuable insights for improving the bioavailability of nutrients (protein content) in foxtail millet, potentially enhancing its role as a functional food.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, its suitable	
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.	Yes , the abstract of the article is comprehensive. 1) In the 'Materials and Methods' section, you could consider adding a detailed heading such as '(2.1 Procurement of raw materials, chemicals, and equipment)' instead of simply writing 'Materials.' Similarly, instead of writing 'Methods,' you could include headings like (2.2 Germination, drying, milling, and sieving procedure.) This approach would make the section more descriptive and well-organized.	
Is the manuscript scientifically, correct? Please write here.	Yes	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes References taken from the years 2013 to 2024 can be considered recent, as references within the last 10 -15 years are typically regarded as current	
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	Under section 3.2.1, titled 'Effect of Drying Temperature and Time on the Moisture Content of Foxtail Millet,' in paragraph number 8, please ensure that Wani et al. (2022) is written in italics."	

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PART 2:

	<u>Reviewer's comment</u>	<u>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)</u>
<u>Are there ethical issues in this manuscript?</u>	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

Reviewer Details:

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