

## Review Form 1.7

Journal Name:	<a href="#">Asian Journal of Research in Agriculture and Forestry</a>
Manuscript Number:	Ms_AJRAF_101798
Title of the Manuscript:	<b>Biofortification: A promising solution for combating micronutrient deficiencies and enhancing human health</b>
Type of the 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:

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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><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li><b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li><b>Is the abstract of the article comprehensive?</b></li> <li><b>Are subsections and structure of the manuscript appropriate?</b></li> <li><b>Do you think the manuscript is scientifically correct?</b></li> <li><b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>The article has an important theme, which is biofortification, <b>however it needs corrections</b>. Clearly define what biofortification is, which represents a process by which cultivated plants are enriched with essential nutrients, such as vitamins, minerals and micronutrients, through agronomic intervention or genetic selection. The objective of biofortification is to increase the nutritional value of food crops, making them a richer and more accessible source of nutrients important for human health. Thus, it seeks to combat micronutrient deficiencies and malnutrition, especially in areas where the availability of diversified and nutritious foods is limited. Biofortification can be performed through conventional plant breeding methods or through genetic engineering techniques. <b>The introduction</b> lacks an overview of the sections of the article to guide the reader about the content that will be presented, lacking the methodology, objectives and results. Under <b>methodology</b>, add a methodology section to describe the procedures used in the research. Detail the data collection methods, analyzes performed and how conclusions were reached. <b>Conclusion</b>: make a more comprehensive synthesis of the results presented in the previous sections, highlight the main findings and practical implications and mention possible limitations of the study. Suggest areas for future research. By making these corrections, the introduction will be more targeted, the methodology will provide information about the research carried out, and the conclusion will more clearly highlight the results and implications of the study. It is necessary to make references during the text, references are essential to place the work in a broader context and demonstrate the theoretical basis. The absence of references may indicate that the author did not rely on previous work and did not take into account existing research on the subject.</p> <p>Here are some suggestions:</p> <p>Dhaliwal, S. S., Sharma, V., Shukla, A. K., Kaur, J., Verma, V., Kaur, M., ... &amp; Hossain, A. (2022). Zinc-Based Mineral (ZnSO<sub>4</sub>· 7H<sub>2</sub>O) and Chelated (Zn-EDTA) Fertilizers improve the Productivity, Quality and Efficiency Indices of Field Pea (Pisum sativum L.) through Biofortification. <i>Journal of Trace Elements and Minerals</i>, 2, 100033.</p> <p>Monika, G., Kim, S. R. M., Kumar, P. S., Gayathri, K. V., Rangasamy, G., &amp; Saravanan, A. (2022). Biofortification: A long-term solution to improve global health-a review. <i>Chemosphere</i>, 137713.</p> <p>Saltzman, A., Andersson, M. S., Asare-Marfo, D., Lividini, K., De Moura, F. F., Moursi, M., ... &amp; Taleon, V. (2016). Biofortification techniques to improve food security.</p> <p>Bouis, H. E., &amp; Saltzman, A. (2017). Improving nutrition through biofortification: A review of evidence from HarvestPlus, 2003 through 2016. <i>Global Food Security</i>, 12, 49-58.</p>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>-----</p>	
<p><b>Optional/General</b> comments</p>	<p>-----</p>	

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**PART 2:**

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

**Reviewer Details:**

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