

### Review Form 3

Journal Name:	<b>Journal of Advances in Biology &amp; Biotechnology</b>
Manuscript Number:	<b>Ms_JABB_121001</b>
Title of the Manuscript:	<b>A Comprehensive Review on Biofortification in Vegetable Crops</b>
Type of the Article	<b>A Review Article</b>

#### **General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

<https://r1.reviewerhub.org/general-editorial-policy/>

#### **Important Policies Regarding Peer Review**

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>

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**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p><b>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.</b></p>	<p>This manuscript is highly significant for the scientific community as it offers a thorough and detailed overview of biofortification in vegetable crops, a critical area in addressing global micronutrient deficiencies. By summarizing current methodologies and their applications, it provides a valuable resource for researchers, policymakers, and agricultural practitioners looking to enhance crop nutrition sustainably.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>The title "A Comprehensive Review on Biofortification in Vegetable Crops" is suitable as it clearly indicates that the article provides an in-depth review of biofortification specifically in vegetable crops. However, if you want to make it more engaging or specific, you might consider an alternative title such as: "Enhancing Nutritional Value: A Comprehensive Review of Biofortification Strategies in Vegetable Crops"</p>	
<p><b>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.</b></p>	<p>The abstract of the article is generally comprehensive, providing a good overview of the key points related to biofortification in vegetable crops. However, it can be improved for clarity and conciseness. Here are some suggestions for refinement.</p> <ol style="list-style-type: none"> <li>1. Provide specific examples or data points where biofortification has been successful.</li> <li>2. Highlight a few key vegetable crops that have been significantly impacted by biofortification efforts.</li> <li>3. Remove repetitive mentions of certain concepts, like the general benefits of biofortification, to keep the abstract concise.</li> </ol>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>The subsections and structure of the manuscript appear to be appropriate and logically organized. Yet, few suggestions were to be considered by the author. In Introduction part you go for addition of para describing historical context, evolution of biofortification techniques and the structure of the manuscript. Also, in the strategies part you can look for revisions viz., bringing all the examples/cases down as case studies after the complete explanation of those strategies.</p>	
<p><b>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.</b></p>	<p>This manuscript demonstrates scientific robustness and technical soundness by meticulously presenting current biofortification strategies, supported by numerous references to recent studies and well-established research. The detailed descriptions of agronomic biofortification, conventional plant breeding, and genetic engineering showcase a comprehensive understanding of the various methods and their applications. The manuscript effectively highlights the practical implications of biofortification in addressing micronutrient deficiencies, providing both qualitative and quantitative data to support its claims. Additionally, the inclusion of specific case studies and examples of biofortified crops adds credibility and depth to the discussion, reinforcing the manuscript's scientific validity.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<p>The author has to ensure that the references were written according to the editorial policy of the journal.</p>	

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Minor REVISION comments <b>Is the language/English quality of the article suitable for scholarly communications?</b>	The manuscript's language is largely appropriate for scholarly communication. With minor revisions for clarity, consistency, and flow, the quality of English can be further improved to ensure it meets the highest standards of academic writing.	
<b>Optional/General</b> comments	he introduction could benefit from a brief discussion on the historical context and evolution of biofortification techniques. Consider adding figures, tables, or diagrams. Include a comparative analysis of biofortification methods in different crops or regions to illustrate their effectiveness and applicability. Discuss the perspectives of different stakeholders, including farmers, policymakers, and consumers, regarding the adoption of biofortified crops. Expand the section on future directions to include specific research questions or areas that need further investigation. Provide a summary of impact assessments or case studies demonstrating the real-world benefits of biofortification in reducing micronutrient deficiencies.	

### **PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> (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)
<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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