

## Review Form 1.7

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_104033</b>
Title of the Manuscript:	<b>Unleashing the Potential of Millets Promoting Nutritious Grains as Vital Cereal Staples during the International Year of Millets - A Review</b>
Type of the Article	<b>Review</b>

### **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**

	<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>
<p><b>Compulsory</b> REVISION comments</p> <p><b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p><b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p><b>Is the abstract of the article comprehensive?</b></p> <p><b>Are subsections and structure of the manuscript appropriate?</b></p> <p><b>Do you think the manuscript is scientifically correct?</b></p> <p><b>Are the references sufficient and recent? If you have suggestion of</b></p>	<p>The International Year of Millets, as declared by the United Nations, aims to promote the consumption, production, and utilization of millets to address global challenges related to food security, nutrition, and sustainable agriculture. Therefore, a review focusing on unleashing the potential of millets and promoting them as vital cereal staples during this dedicated year is highly relevant and can contribute to raising awareness about the benefits of incorporating millets into diets and food systems.</p> <p>The title is well-structured and suitable, making it clear and concise in conveying the subject matter of the review.</p> <p>The abstract serves as a comprehensive and informative overview of the review, providing a clear and concise understanding of the content and key findings of the paper. It effectively communicates the importance of promoting millets as a key component in food systems to address nutritional challenges and enhance agricultural sustainability, making it suitable for the given title.</p> <p>The author(s) need to work more on the structure and the sub-sections of the manuscript to capture all the information enumerated in the abstract. Among other things listed in the sections/sub-sections, the manuscript may follow the structure below. If follow properly, these would improve the quality of the review work tremendously:</p> <ol style="list-style-type: none"> <li>1. Introduction             <ol style="list-style-type: none"> <li>1.1 Background and Importance of Millets</li> <li>1.2 Objectives of the Review</li> </ol> </li> <li>2. Nutritional Composition and Health Benefits of Millets             <ol style="list-style-type: none"> <li>2.1 Comparative Analysis of Millet Types vs. Major Cereal Crops</li> <li>2.2 Micronutrient Profile and Protein Content of Millets</li> <li>2.3 Role in Addressing Micronutrient Deficiencies</li> <li>2.4 Impact on Non-Communicable Diseases</li> <li>2.5 Immune-Supporting Properties</li> </ol> </li> <li>3. Sustainable Agricultural Choice and Climate Resilience             <ol style="list-style-type: none"> <li>3.1 Diversifying Agricultural Systems with Millets</li> <li>3.2 Climate Resilience and Adaptability of Millets</li> <li>3.3 Enhancing Farmers' Incomes through Millet Cultivation</li> </ol> </li> <li>4. Challenges in Promoting Millet Consumption and Production             <ol style="list-style-type: none"> <li>4.1 Perception Issues and Cultural Barriers</li> <li>4.2 Supply Chain Challenges</li> <li>4.3 Policy Constraints and Support</li> </ol> </li> <li>5. Strategies to Maximize Millet Potential             <ol style="list-style-type: none"> <li>5.1 Enhancing Millet Value Chains</li> <li>5.2 Promoting Dietary Diversification</li> <li>5.3 Incorporating Millets in School Feeding Programs</li> <li>5.4 Utilizing Technological Advancements for Improved Varieties</li> </ol> </li> <li>6. Policy Recommendations and Call to Action             <ol style="list-style-type: none"> <li>6.1 Institutional Support for Millet Farmers</li> <li>6.2 Raising Consumer Awareness</li> <li>6.3 Strengthening Research and Development in Millet Agriculture</li> <li>6.4 Advocating for Millets in Food and Nutrition Policies</li> </ol> </li> <li>7. Conclusion             <ol style="list-style-type: none"> <li>7.1 Recapitulation of Key Findings</li> <li>7.2 Potential Impacts of Promoting Millets in Food Systems</li> <li>7.3 Future Prospects and Recommendations</li> </ol> </li> </ol> <p>References</p>	

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<p>additional references, please mention in the review form.</p> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>The manuscript appears to be scientifically correct. It discusses the global challenges faced by the food system in the 21st century and presents millets as a potential solution to these challenges.</p> <p>The provided references seem to be relevant and cover a wide range of topics mentioned in the work. Many of the references are recent, published within the last few years, which indicates that the information is relatively up to date. Additionally, some of the references are from reputable scientific journals and databases, which adds credibility to the information presented. However, the author(s) should look into the references numbered 9 (not informative), 17, 23, and 24 (not recent).</p> <p>To improve the quality of this manuscript, the author(s) can consider the following steps:</p> <ul style="list-style-type: none"> <li>• Focus on a specific research question or objective: The manuscript covers a broad range of topics related to millets, but it would benefit from a more focused research question or objective. The author should narrow down the scope and clearly state the main aim of the paper.</li> <li>• A clear methodology section should be included to show how data were collected (see standard review for a guide).</li> <li>• Add figures and tables: Visual aids like figures and tables can enhance the manuscript's presentation and help readers understand complex data or concepts more easily. I suggest the author(s) should summarize the information from diverse literature mined most especially under the sub-sections "comparison of millet with other cereals" and "health benefits associated with millet" into tables.</li> <li>• The author should carefully proofread the manuscript for grammatical errors, typos, and clarity. Additionally, the paper's structure and flow should be checked to ensure a smooth reading experience.</li> <li>• The author should include a clear conclusion summarizing the main findings and implications of the research. Additionally, suggesting future research directions can add value to the paper.</li> </ul>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>The language and English quality of the article seem to be suitable for scholarly communication. However, it is important for the author(s) to carefully review the manuscript for language and English quality. Seeking feedback from colleagues or utilizing professional editing services can help.</p>	
<p><b>Optional/General</b> comments</p>	<p>Note the following important points:</p> <ul style="list-style-type: none"> <li>• In the manuscript, references in Lines 80 &amp; 198 should be in numbers.</li> <li>• Information on Lines 305 – 310 and 332 – 340 can be re-written in complete sentences without including colon (:).</li> <li>• References list should be critically look into. Many are not in line with the journal format.</li> </ul>	

### **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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