

### Review Form 3

Journal Name:	<a href="#">Journal of Experimental Agriculture International</a>
Manuscript Number:	Ms_JEAI_129752
Title of the Manuscript:	YIELD GAP, YIELD PERFORMANCE AND FARMER ECONOMICS ANALYSIS OF HIGH YIELDING BIOFORTIFIED WHEAT VARIETY DBW-187 WITH THE SPECIAL REFERENCE TO THE ADOPTION IN DISTRICT BIJNOR (U.P.) INDIA.
Type of the Article	

#### **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:

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**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>
<p>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.</p>	<p>This manuscript holds significant importance for the scientific community, as it addresses the critical issue of improving wheat yields and nutritional content through the adoption of high-yielding biofortified varieties like DBW-187. By analyzing the yield gap, yield performance, and farmer economics of DBW-187 in District Bijnor, Uttar Pradesh, India, this study provides valuable insights into the potential of biofortified wheat to enhance food security, improve farmer livelihoods, and promote sustainable agriculture.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The current title is quite long and descriptive, which is both good and bad. Here's a alternative;</p> <p style="text-align: center;"><b>"Yield Gap and Economic Analysis of Biofortified Wheat DBW-187 in District Bijnor, India: Implications for Sustainable Agriculture"</b></p> <p>These alternative title aim to preserve the essential information while making it more concise and readable.</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><b>Abstract Suggestions</b></p> <ol style="list-style-type: none"> <li><b>Condense the abstract:</b> While the abstract is comprehensive, it's a bit lengthy. Try to condense it to 150-200 words, focusing on the most critical information.</li> <li><b>Use simpler language:</b> Some technical terms, such as "biofortified wheat variety DBW-187," might be unfamiliar to non-expert readers. Consider using simpler language or providing brief explanations.</li> <li><b>Emphasize the significance:</b> Clearly state the research's significance, impact, and implications for food security, nutrition, and sustainable agriculture.</li> <li><b>Avoid excessive detail:</b> While the abstract mentions specific locations (Bijnor district, Uttar Pradesh, India), it's not essential to include these details in the abstract. Focus on the broader context and implications.</li> <li><b>Use keywords strategically:</b> Identify the most relevant keywords and incorporate them naturally into the abstract.</li> </ol> <p><b>Additional Suggestions</b></p> <ol style="list-style-type: none"> <li><b>Consider adding a research question or hypothesis:</b> Clearly stating the research question or hypothesis can help readers understand the study's objectives and scope.</li> <li><b>Provide more context about DBW-187:</b> While the abstract mentions DBW-187, it would be helpful to provide more context about this specific wheat variety, its characteristics, and its potential benefits.</li> <li><b>Highlight the study's methodological strengths:</b> The abstract mentions a mixed-methods approach, but it would be helpful to highlight the study's methodological strengths, such as the use of frontline demonstrations and surveys.</li> </ol>	
<p>Is the manuscript scientifically, correct? Please write here.</p>	<p>While the manuscript appears to be scientifically sound, a thorough evaluation requires access to the full text. The authors should ensure that the experimental design, data analysis methods, and potential biases are adequately addressed to maintain the manuscript's scientific correctness.</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 provided are sufficient and cover a range of topics related to the research, including biofortified wheat, yield gap analysis, and farmer economics. However, I don't have any suggestions for additional references but Consider adding more recent publications (2020 onwards) to reflect the latest research and findings in the field.</p>	

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<b>Is the language/English quality of the article suitable for scholarly communications?</b>	Yes the language used appears suitable for scholarly communication.	
<b>Optional/General</b> comments	<b>The manuscript demonstrates a clear research objective and relevance to the field of agricultural research. However, to enhance its quality and credibility, it is essential to ensure rigorous methodology, transparent data analysis, and meticulous attention to language quality.</b> <b>With some revisions to address these areas, this manuscript has the potential to contribute meaningfully to the scientific understanding of biofortified wheat, yield gap analysis, and farmer economics.</b>	

**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>	

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