

### Review Form 3

Journal Name:	<a href="#">Journal of Experimental Agriculture International</a>
Manuscript Number:	Ms_JEAI_129144
Title of the Manuscript:	Response of Indian Mustard to Azotobacter Priming and Vermicompost: A Comparative Analysis
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>
<b>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.</b>	This manuscript provides valuable insights into sustainable agricultural practices by investigating the combined effects of Azotobacter biopriming and vermicompost incorporation on the growth of Indian mustard ( <i>Brassica juncea</i> ). The study demonstrates the potential of using biofertilizers and organic amendments as an effective alternative to chemical fertilizers, contributing to environmentally friendly farming techniques. The findings highlight the significance of genotype selection, especially the superior performance of TM 306-1 and TBM 143, when paired with optimal treatments, thus offering practical recommendations for farmers to enhance crop yield, and overall seedling vigor. This research is a step forward in advancing mustard cultivation, fostering the use of sustainable practices in agricultural systems.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	The title of the article is clear and reflects the primary focus of the research. However, it could be slightly refined for precision and broader appeal. For example, adding terms like "Growth Parameters" or "Sustainable Cultivation" would emphasize the practical and scientific aspects of the study. Here's a revised suggestion: <b>"Comparative Analysis of Growth Responses in Indian Mustard to Azotobacter Priming and Vermicompost for Sustainable Cultivation"</b>	
<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>	Yes	
<b>Is the manuscript scientifically, correct? Please write here.</b>	Yes	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	Need to be added the recent reference in discussion part.	
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	Review the manuscript for grammar and have it edited by experts or a native English speaker.	
<b>Optional/General</b> comments	Overall, the manuscript shows potential but requires minor revisions for further improvement. I have provided some comments for the authors that should be addressed prior to acceptance of the paper.	

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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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