

**Review Form 3**

Journal Name:	<a href="#">Journal of Scientific Research and Reports</a>
Manuscript Number:	Ms_JSRR_123988
Title of the Manuscript:	<b>Assessment of Different Nutrient Combination on the Performance of Maize (Zea mays L) in North Indian Plains</b>
Type of the Article	

**Review Form 3**

**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 address the crucial issue of optimizing nutrient combinations for maize production in North India. Given the importance of maize as a staple crop, the findings offer valuable insights into sustainable agricultural practices that can enhance crop yield and farmer profitability. The inclusion of organic amendments like vermicompost and biofertilizers, alongside conventional fertilizers, highlights a holistic approach to nutrient management that not only improves crop performance but also promotes soil health.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>Title is suitable</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>There are a few areas where improvements can be made to enhance clarity and conciseness.</p> <p>Consider clearly stating the statistical significance (e.g., "significant at <math>p &lt; 0.05</math>") rather than mentioning "statistically at par" for clarity. This helps readers understand the robustness of your findings.</p> <p>The concluding statement could be more definitive, perhaps emphasizing the broader implications of your findings for maize cultivation and nutrient management strategies in similar regions.</p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>Yes</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>The manuscript employs a well-structured experimental design using a randomized block design (RBD) and ensures that the findings are statistically valid.</p> <p>Second, the comprehensive assessment of various nutrient combinations, including chemical fertilizers, vermicompost, and biofertilizers, addresses critical agricultural practices, particularly in the context of sustainable farming, thereby contributing valuable insights for optimizing maize production in resource-limited settings.</p> <p>Finally, the manuscript provides a thorough analysis of growth parameters, yield attributes, and economic implications, supported by relevant literature, which not only demonstrates the effectiveness of the treatments but also contextualizes the findings within existing agricultural research.</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>Yes</p>	

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Minor REVISION comments <b>Is the language/English quality of the article suitable for scholarly communications?</b>	Yes. But the language can be improved further.	
<b>Optional/General</b> comments	<p>General Comments:</p> <p>The study presents insights into the impact of various nutrient combinations on maize growth and yield, particularly in the context of North Indian plains. The use of a randomized block design with multiple treatments enhances the robustness of the findings, allowing for a comprehensive comparison between different nutrient strategies. The significant improvements observed in emergence count, plant height, and yield attributes with the application of 100% NPK combined with vermicompost and Azotobacter underscore the potential of integrating organic and inorganic fertilizers for optimizing maize production. Additionally, the reported increase in the benefit-to-cost (B) ratio highlights the economic viability of the recommended nutrient combination for farmers, making it a practical approach for sustainable agriculture.</p> <p>Drawbacks</p> <p>It is always advised to represent data in form of graphs for easy understanding of readers.</p> <p>Avoid using lengthy sentences when not required.</p>	

### 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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

### Reviewer Details:

Name:	Abhishree R
Department, University & Country	University of Agricultural Sciences, India