Review Form 3

Journal Name:	**International Journal of Plant & Soil Science**
Manuscript Number:	**Ms_IJPSS_124428**
Title of the Manuscript:	**DIFFERENT SOURCES OF NITROGEN FOR RICE PROUCTION: A REVIEW**
Type of the Article	**Review Article**

PART 1: Review Comments

Compulsory REVISION comments	**Reviewer's comment**	**Author's Feedback** *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
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.		
Is the title of the article suitable? (If not please suggest an alternative title)		
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.		
Are subsections and structure of the manuscript appropriate?		
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.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. -		

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Minor REVISION comments **Is the language/English quality of the article suitable for scholarly communications?**		
Optional/General comments	The article is well-structured and informative with comprehensive overview of the different nitrogen sources available for rice production, highlighting both inorganic and organic sources. Overall, this review article serves as a valuable resource for understanding nitrogen management in rice production. It effectively combines theoretical insights with practical implications, making it relevant for both researchers and practitioners in agriculture. The structure is clear, with distinct sections that logically present the background, methodology, and discussion. **Abstract:** The abstract effectively summarizes the main points regarding nitrogen fertilization's importance for rice production and the consequences of relying solely on inorganic sources. However, consider streamlining the wording for clarity and conciseness. For example, replace “being slow degradable and ecofriendly combined use of these sources has shown good results” with “being slow-releasing and eco-friendly.” **Introduction:** The introduction provides comprehensive background information on rice's significance in Nepal, supported by relevant statistics. This context is helpful. However, consider breaking up some of the longer sentences for better readability. For example, the sentence beginning with "33 hybrid rice varieties" could be split into two to improve clarity. **Methodology:** This section is concise but could benefit from elaboration on how the secondary sources were selected or criteria for inclusion, which would strengthen the methodology. **Discussion:** The discussion provides a thorough exploration of nitrogen's role in crop yield and includes relevant citations. It may be beneficial to highlight specific case studies or findings in a more structured way, such as bullet points or subheadings for different nitrogen sources. This would enhance readability and make it easier for readers to follow the key points. **References** : Some of the literature are missing in the references. Page no 1- (UDHAYAKUMAR & RAMASAMY, 2016), (Kakshapati et al., 2022), MoALD, 2022, (MoALD, Agriculture Development Strategy (ADS) Joint Sector Review (JSR), 2023). Page no -2 (Agriculture diary, 2079), (FAO, 2023), (Devkota et al., 2019). page no 6- (Mahanta & Dhar, 2021),(Agriculture and Livestock dairy, 2080), (Prasad Vista et al., 2022) Page no 12- (Hawa et al., 2021), Page no 7- (Shrestha et al., 2022) Page No 8- (N, et al., 2023). Page no 9 – Vista et al 2022, (N, et al., 2023), (Das, et al., 2021)	

	Page no 10- (Bejbaruah et al., 2013) Page no 11-(Sutar et al., 2018), Badwal et al., 2019, Kaur, 2020), (Amareswari & Sujathamma, 2014) **Nitrogen Sources Section:** The breakdown of various nitrogen sources is informative and well-organized. Here are a few comments : 1. **Urea Types**: For each urea type (e.g., NCU, PU), consider briefly discussing their application methods or the best practices for maximizing their efficiency. 2. **Nano Urea**: Adding some potential drawbacks or limitations of using nano urea could provide a more balanced view.	

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?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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