

Review Form 3

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_127229
Title of the Manuscript:	Unearthing the Impact of Diverse Nutrient Sources on Soil Quality in Transplanted Rice (Eastern Uttar Pradesh)
Type of the Article	Research article

Review Form 3

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)
<p>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.</p>	<p>i) The experiment is based on Integrated nutrient management of lowland rice paddy; paddy plays an important role in India's food security. ii) Addition of bio inoculants or organic manure are the present need to improve soil health. iii) The effect of these manures and amendments on the soil gives an insight of soil organic carbon. iv) Data on Microbial count could have enhance the impact of the paper.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>INM and its impact on the soil parameters of lowland transplanted paddy rice (<i>Oryza sativa</i>) – a study of the IGPs of eastern Uttar Pradesh Or Combination of chemical fertilizers, organic manure and bio inoculants can enrich the soil of IGPs of eastern Uttar Pradesh under paddy rice (<i>Oryza sativa</i>) cultivation.</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>i) Minor technical error is there like kharif to be written in italics. ii) Results for the soil parameters for T5 could be used applying bracket.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes</p>	
<p>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.</p>	<p>Introduction: Try to give some recent citation not older than 5 years, Write the objective of your study clearly. Materials method: Include the meteorological data, field soil type, sowing date and season, harvesting date and season, NPK content and dose of the fertilizers, organic manures and bio inoculants used in the experiment, put the formula or soil analysis techniques for each parameter used in the study. Result and Discussion: mention whether the data was significant or not, do not start a sentence with table no., elaborate the findings of EC and OC. Do not use same reference for all the parameters. Conclusion: write the outcomes of the study clearly.</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 should be increased up to 15 from 11 and there is mismatch of citations inside the manuscript and references mentioned later.</p>	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Read thoroughly the manuscript to avoid grammatical mistakes.</p>	
<p>Optional/General comments</p>	<p>i) Data on Microbial count and microbial enzymes content could have enhance the impact of the paper. ii) The influence of the study on the yield of the rice need to be discussed referring the previous yield of that location.</p>	

Review Form 3

PART 2:

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

Reviewer Details:

Name:	Susmita Das
Department, University & Country	Sri Sri University, India