

### Review Form 3

Journal Name:	<b>Archives of Current Research International</b>
Manuscript Number:	<b>Ms_ACRI_129040</b>
Title of the Manuscript:	<b>Microbial diversity of bacterial species (Rhizobium and Azospirillum) under different land used systems</b>
Type of the Article	<b>Original Research Article</b>

#### **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:

<https://r1.reviewerhub.org/general-editorial-policy/>

#### **Important Policies Regarding Peer Review**

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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>
<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 investigates the microbial diversity of bacterial species (Rhizobium and Azospirillum) under different land use systems. The study provides important insights into how agroforestry systems influence microbial populations, which are critical for soil health and agricultural productivity. Its findings have implications for sustainable agriculture and biofertilizer development. The research is scientifically robust and technically sound, making it a valuable addition to the scientific literature.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</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>	The abstract is comprehensive but could be improved by explicitly mentioning the practical implications of the findings, such as their relevance to sustainable agriculture and microbial management practices.	
<b>Is the manuscript scientifically, correct? Please write here.</b>	Yes, the manuscript is scientifically correct. The methodology is well-detailed, and the results are statistically analyzed. However, the language in some sections requires revision for clarity and consistency. Including visual aids (e.g., diagrams or colony images) would enhance the presentation of findings.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	The references are comprehensive and relevant. However, adding the following reference would strengthen the discussion on plant-microbe interactions and their influence on secondary metabolites: <ul style="list-style-type: none"> <li>Çetiz, M. V., &amp; Memon, A. (2021). Effect of the plant-microbe interaction on secondary metabolites. <i>Turkish Journal of Agriculture-Food Science and Technology</i>, 9(2), 281-287.</li> </ul>	
<b>Is the language/English quality of the article suitable for scholarly communications?</b>	The language is generally suitable, but there are some grammatical errors and overly complex sentences that need revision. A thorough proofreading is recommended.	
<b>Optional/General</b> comments	The manuscript is well-structured and addresses a critical topic in microbial ecology and sustainable agriculture. Including additional visual elements, such as a diagram showing the experimental setup or microbial colony images, would enhance its impact and reader engagement.	

#### 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>
<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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