

Review Form 1.7

Journal Name:	Journal of Agriculture and Ecology Research International
Manuscript Number:	Ms_JAERI_113357
Title of the Manuscript:	FFECTIVENESS OF PHOSPHORUS SOLUBILIZING BACTERIA ON ENHANCING PHOSPHORUS AVAILABILITY FROM MINJINGU PHOSPHATE ROCK TO MAIZE IN SLIGHTLY ACID TO NEUTRAL SOILS
Type of the Article	Original Research Article

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PART 1: Review Comments

	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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>		
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>Strengths:</p> <p>Solid experimental design: The study uses a completely randomized block design, which is a robust method for controlling variability in field experiments. Detailed measurements: The study collected detailed data on grain yield, biological yield, and straw P uptake, providing a comprehensive view of the impact of PSB and Minjingu phosphate rock on maize cultivation. Interaction analysis: The study examined interaction effects, which can provide valuable information on how different factors may jointly influence the results.</p> <p>Weaknesses:</p> <p>Lack of replication: Although the treatments were set up three times, the study was conducted during a single season. This may limit the applicability of the results, as environmental conditions can vary from one season to another. Lack of significant treatment effect: According to the results, the use of P or an inoculant (Mx) produced an insignificant yield of grain and straw. This suggests that the treatments used in the study may not be effective in improving maize yield in high pH soils. Lack of significant interaction effects: For the variables studied, none of the treatments showed significant interaction effects. This may indicate that the factors studied do not interact significantly to influence the results.</p> <p>It is important to note that these strengths and weaknesses are specific to this particular study and may not apply to other similar studies. Additionally, the weaknesses identified here may provide opportunities for future research to address these limitations and improve our understanding of this topic.</p>	
<p>Optional/General comments</p>		

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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>	

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