

Review Form 3

Journal Name:	Asian Journal of Soil Science and Plant Nutrition
Manuscript Number:	Ms_AJSSPN_123754
Title of the Manuscript:	Plant growth promoting rhizobacteria bio capsules: wide potential in ginger for growth and yield improvement
Type of the Article	

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:

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Important Policies Regarding Peer Review

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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>This manuscript presents valuable insights into the application of Plant Growth Promoting Rhizobacteria (PGPR) bio-capsules in ginger cultivation, which holds significant importance for the scientific and agricultural communities. The study contributes to a growing body of knowledge about eco-friendly, sustainable agriculture by exploring PGPR's role in enhancing plant growth through nitrogen fixation, phosphate solubilization, and phytohormone production. This manuscript offers several valuable contributions to the scientific community:</p> <ul style="list-style-type: none"> • Promotion of sustainable agriculture: The use of PGPR capsules offers a potential alternative to chemical fertilizers, reducing environmental impact and promoting sustainable farming • Increased crop productivity: The results suggest that PGPR capsules can significantly boost ginger yields, leading to increased economic benefits for farmers • Advancement of agricultural technology: The research contributes to the development of innovative and environmentally friendly agricultural technologies • I find this manuscript particularly valuable due to its practical implications. By providing specific recommendations for PGPR combinations and ginger varieties, the study offers actionable insights for farmers and agricultural researchers 	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>"Impact of Plant Growth Promoting Rhizobacteria (PGPR) Bio-Capsules on Growth and Yield of Ginger at turmeric research station Kammarpally, India" *** Note: The title of the research should be simple, clear and concise. It should clearly incorporate the research site or location as well</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>The abstract is not quite comprehensive. Some suggestions on abstract:</p> <ul style="list-style-type: none"> • Mention the type of the research design that you have employed (like RCBD, CRD etc) • Please include the main conclusive finding of your research. You have only written the result of the research • Also write the further recommendation for research based on the empirical finding of this research • Please write the abstract in the hierarchical form (1st – Introduction, 2nd – Methodology, 3rd – Result, 4th – Conclusion and last – Recommendation to policy maker and new researcher 	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The structure of the manuscript is good. However, there are some important things to include as well:</p> <ul style="list-style-type: none"> • In the methodology section, please develop the research design figure. It will make the reader appealing and understandable • You should also include the images of the research site field, all the treatments, data collection, harvesting, ginger variety, PGPR Biocapsule etc 	
<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>The manuscript is scientifically sound. The author have employed the RCBD research design and used various treatment as well. The author used Package of practice of ginger as a control, which is the basic requirement of the action research. In analysis section, Coefficient of variation (CV) has also been calculated. It is required for the comparison of the variation of each treatment used in the research.</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 of the study are recent and relevant as well. However, the author should strictly follow the guideline of the journal. Some of the in-text citation and references are not in line with the journal guideline.</p>	

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>There are some grammatical mistakes in the manuscript. For instances,</p> <ul style="list-style-type: none">• spacing after word in between the word and comma• Capitalization of first letter of word in between the sentences• No full stop after the completion of sentence <p>Language (English) Quality is satisfactory. The author should improve it before proceeding it for publication.</p>	
<p>Optional/General comments</p>	<p>The author have carried out highly appreciable research. It is very significant in the agriculture due to its relevance in current situation. The finding from this research can be best alternative to reduce the excessive used of agricultural pesticide</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)
<p>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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