

Review Form 3

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_129064
Title of the Manuscript:	Integrated Nutrient Management Strategies for Redgram (Cajanus cajan L.) Based Intercropping Systems
Type of the Article	Original Research Article

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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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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>
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.	This manuscript holds significant importance for the scientific community as it addresses the critical need for sustainable agricultural practices through Integrated Nutrient Management (INM) in redgram-based intercropping systems. By exploring the synergistic effects of organic fertilizers and phosphate-solubilizing bacteria (PSB) in conjunction with traditional nutrient sources, the study provides a comprehensive framework for optimizing nutrient use efficiency, improving soil health, and enhancing crop productivity. The focus on intercropping systems is particularly relevant in the context of resource-limited settings, as it promotes biodiversity, soil fertility, and efficient resource utilization. The findings offer practical insights for researchers, agronomists, and policymakers, contributing to the development of environmentally sustainable and economically viable cropping systems.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	The abstract of the article is comprehensive and effectively summarizes the key aspects of the study on Integrated Nutrient Management (INM) strategies for redgram-based intercropping systems. It clearly outlines the objectives, methodologies, and major findings, providing a concise yet informative overview. The inclusion of keywords such as redgram, intercropping, organic fertilizer, and PSB aligns well with the focus of the study and enhances its relevance. To further enhance the abstract, the authors could briefly mention the specific benefits observed in terms of yield improvement, soil health enhancement, or nutrient use efficiency. Additionally, highlighting the broader implications of the findings for sustainable agriculture practices and resource management would add more depth. Overall, the abstract is well-written and provides a solid introduction to the manuscript.	
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically sound and presents a robust study on Integrated Nutrient Management (INM) strategies for redgram-based intercropping systems. The experimental design is well-structured, with clear methodologies and appropriate use of treatments, including organic fertilizers and phosphate-solubilizing bacteria (PSB), to evaluate their impact on soil health and crop performance. The findings are supported by thorough data analysis, highlighting significant improvements in nutrient use efficiency, yield, and sustainability under the INM approach.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes, references is sufficient and recent.	
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	This manuscript offers valuable insights into the potential of Integrated Nutrient Management (INM) strategies to enhance the productivity and sustainability of redgram-based intercropping systems. The study is particularly timely, given the growing emphasis on sustainable agricultural practices and the need for innovative nutrient management approaches. By incorporating organic fertilizers and phosphate-solubilizing bacteria (PSB), the research highlights practical solutions for improving soil fertility, crop yield, and resource-use efficiency. The focus on redgram as a key crop in intercropping systems is commendable, as it is an important pulse crop with significant economic and nutritional value. Additionally, the findings have practical applications for farmers and policymakers aiming to optimize land use and ensure environmental sustainability. Overall, this research is a valuable contribution to the field of agronomy and integrated farming systems.	

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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