

Review Form 1.7

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_115859
Title of the Manuscript:	Influence of organic nutrients on growth and yield of summer Greengram(Phaseolusradiata L.)
Type of the Article	Original Research Article

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<p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>is important for maintaining soil health and productivity.</p> <p>The impact of organic fertilization on summer greengram growth and yield (<i>Phaseolusradiata</i> L.) Organic nutrition for a thriving summer mung bean crop (<i>Phaseolusradiata</i>L.)</p> <p>The abstract provides a good overview of the research, but it could be considered more comprehensive by including a few additional details: Strengths of the Abstract: Clearly states the location and time of the experiment. Describes the soil characteristics (texture, pH, nutrient levels). Mentions the types of organic fertilizers (manure and foliar sprays) used. Briefly outline the experimental design (randomized block design with replicates). Highlights the key growth parameters, yield attributes, and economic returns measured. Indicates the treatment that produced the best results (T9: FYM 5 t/ha + 7.5% K sap). Areas for Improvement: Doesn't mention the research objective: The abstract doesn't explicitly state the main question the study aimed to answer. Was it to compare the effectiveness of different organic fertilizers on Greengram, or to find the optimal combination of manure and foliar spray? Limited details on results: The abstract lists a variety of results but doesn't mention the specific values for all treatments. It only highlights the best-performing one. Including a range of values or mentioning statistically significant differences would strengthen the abstract. Overall, the abstract provides a good foundation for understanding the research, but including the research objective and some additional details about the results would make it more comprehensive.</p> <p>They should be set according to the guidelines of journal authors.</p> <p>This research needs a statistical model. This research needs to investigate the mutual effects of treatments and investigated traits. This research requires a multi-way analysis of variance. This research needs to examine the correlation between traits and treatments. Due to many abbreviations, it is better to explain them at the beginning of the article.</p> <p>References should be written and adjusted according to the guidelines for authors.</p> <p>The research on the influence of organic nutrients on the growth and yield of summer green gram (<i>Phaseolusradiata</i> L.) has provided valuable insights into the impact of organic fertilizers and sprays on the yield and economic aspects of green gram cultivation. However, there are some limitations and areas for further research. Firstly, the research studies mainly focus on specific nutrient sources and application methods, which may not be applicable to all soil and climatic conditions. Therefore, there is a need for more comprehensive studies that consider the interaction between organic and inorganic nutrients, as well as the impact of different soil and climate conditions on nutrient uptake and utilization. Secondly, the research studies mainly focus on yield and economic aspects while neglecting the impact of organic nutrients on the nutritional quality and safety of green gram. Therefore, there is a need for more research on the impact of organic nutrients on the nutritional content and safety of green gram, as well as the potential risks associated with the use of organic nutrients. Thirdly, the research studies mainly focus on the short-term effects of organic nutrients on green gram growth and yield while neglecting the long-term effects on soil health and sustainability. Therefore, there is a need for more research on the long-term effects of organic nutrients on soil health, as well as their potential to enhance the sustainability of green gram cultivation. Fourthly, the research studies mainly focus on the impact of organic nutrients on green gram growth and yield while neglecting the potential benefits for other crops and ecosystem services. Therefore, there is a need for more research on the potential benefits of organic nutrients</p>	
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	for other crops, as well as their potential to enhance ecosystem services, such as soil conservation, water quality, and biodiversity. Fifthly, the research studies mainly focus on the impact of organic nutrients on green gram growth and yield while neglecting the potential risks associated with their use. Therefore, there is a need for more research on the potential risks associated with the use of organic nutrients, such as nutrient leaching, soil erosion, and greenhouse gas emissions. Finally, the research studies mainly focus on the impact of organic nutrients on green gram growth and yield while neglecting the potential benefits for farmers and rural communities. Therefore, there is a need for more research on the potential benefits of organic nutrients for farmers and rural communities, such as income diversification, employment creation, and social empowerment.	
Minor REVISION comments		
1. Is language/English quality of the article suitable for scholarly communications?	It needs severe revision and correction.	
Optional/General comments	It needs correction and revision in terms of statistics and English grammar.	

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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i> No	

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