

Review Form 3

Journal Name:	Journal of Agriculture and Ecology Research International
Manuscript Number:	Ms_JAERI_123075
Title of the Manuscript:	Combining kitchen waste and cow dung bio-slurry have synergistic effects on growth and yield of shade net grown Swiss chard
Type of the Article	Original Research Article

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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)
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.	This manuscript is significant for the scientific community as it provides valuable insights into the use of bio-slurry from kitchen waste and cow dung for enhancing the growth and yield of Swiss chard. By demonstrating the potential of bio-slurry to improve soil fertility and contribute to sustainable agricultural practices, the study addresses critical issues in waste management and environmental sustainability. The manuscript is particularly commendable for its practical implications and its alignment with national sustainability goals, offering a viable solution for resource management and crop production. Its findings could inform future research and practical applications in both local and global contexts.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is concise, descriptive, and informative, making it appropriate for the article's subject matter	
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.	Yes	
Are subsections and structure of the manuscript appropriate?	Yes	
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.	The manuscript demonstrates scientific robustness and technical soundness through its rigorous experimental design and methodical analysis. The use of a randomized complete block design with three replications ensures reliable and reproducible results. The comprehensive approach, including various treatments and control conditions, provides a thorough assessment of the effects of different bio-slurry sources on Swiss chard growth and yield. Additionally, the statistical analysis using SAS and the clear reporting of significant findings underscore the manuscript's scientific validity. The study's findings contribute valuable insights into sustainable agricultural practices, highlighting the practical benefits of using bio-slurry as a fertilizer.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Yes	
<u>Optional/General</u> comments	This study makes a significant contribution to the field of sustainable agriculture by exploring practical solutions for improving crop production while managing organic waste. The findings could have implications for similar agricultural practices in other regions, aligning with broader environmental and food security goals.	

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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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