

Review Form 3

Journal Name:	Asian Journal of Agricultural and Horticultural Research
Manuscript Number:	Ms_AJAHR_129568
Title of the Manuscript:	Effect of Spatial Arrangement on Grain and Fruit Yield of component crops in Maize/Okra Intercrop in Kilifi County, Kenya
Type of the Article	Original Research Article

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 examines the impact of spatial arrangements on maize and okra intercropping in Kilifi County, Kenya. It makes a significant contribution to agricultural practices in resource-limited areas by optimizing land use and enhancing crop productivity. The findings provide practical insights for farmers to achieve higher yields of both maize and okra, addressing food security and promoting economic sustainability.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is appropriate but could be more concise: "Optimizing Maize and Okra Yields through Spatial Arrangement in Kilifi County, Kenya"	
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 is comprehensive but following things are recommended to improve its readability and impact. <ul style="list-style-type: none"> ✓ Clearly specify the most significant spatial arrangement for both crops. ✓ Remove redundant information on okra's benefits unless directly tied to the study findings. 	
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically sound with appropriate experimental design (RCBD) and robust data analysis. However: <ul style="list-style-type: none"> • The discussion section needs more depth to connect findings with broader agricultural implications. • Explain the practical relevance of insignificant results (e.g., maize yield not affected by intercropping). 	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	References are sufficient and recent. However, including more literature on intercropping benefits in semi-arid regions can enhance the discussion. Suggested additions: <ul style="list-style-type: none"> • Articles on maize-legume intercropping in low rainfall areas. • Studies highlighting okra's drought resistance in intercropping systems. 	
Is the language/English quality of the article suitable for scholarly communications?	The English language is clear but requires grammatical corrections. Following improvements are highly suggested. <ul style="list-style-type: none"> ✓ Simplify overly complex sentences in the introduction and discussion. ✓ Use consistent terminology, e.g., "spatial arrangement" vs. "planting pattern." 	
Optional/General comments	<ul style="list-style-type: none"> ➤ Highlight how the study's findings can inform agricultural policies or extension services. ➤ Include a graphical abstract or summary table of key results for better visualization. ➤ Ensure all tables are self-explanatory with standardized formatting. 	

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PART 2:

	<u>Reviewer's comment</u>	<u>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)</u>
<u>Are there ethical issues in this manuscript?</u>	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

Reviewer Details:

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