

Review Form 3

Journal Name:	Asian Research Journal of Agriculture
Manuscript Number:	Ms_ARJA_124860
Title of the Manuscript:	Economic analysis of kharif vegetable cultivation in Palghar district of Maharashtra State
Type of the Article	Agricultural economics or farm management analysis article

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PART 1: Review Comments

Compulsory REVISION 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>
<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 is important for the scientific community because it provides insights into the economic viability of kharif vegetable cultivation in the Palghar district, a significant agricultural region in Maharashtra. Through analyzing the costs, returns, and profitability of different crops, it offers a practical guide for farmers, policymakers, and agricultural economists to make informed decisions regarding crop selection and resource allocation. I appreciate the study's economic analysis, especially its use of cost concepts relevant to farm management, which allows for evaluation of profitability. However, I believe the manuscript could benefit from clearer links between its findings and broader agricultural policy implications, which would enhance its practical utility.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>It is suitable for several reasons: Clarity Relevance Specific</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 should be more explicit about the significance of the findings. It briefly mentions profitability but does not highlight the broader implications for agricultural policy or farmer decisions. While the statistical tools used are mentioned, it would be helpful to briefly describe how these tools help achieve the study's objectives, e.g., why the specific cost models were chosen. The last part of the abstract can be strengthened by a clear conclusion about what the findings imply for the future of vegetable farming in Palghar or the region in general.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Introduction</p> <p>Although the introduction offers strong background information, the exact research gap is not clearly highlighted. Why is it important to conduct this economic analysis in Palghar, specifically? Strengthen the rationale by explaining why the current research is necessary.</p> <p>Clearly state the objectives towards the end of the introduction to provide a smoother transition into the materials and methods section. This would help in guiding the reader on the purpose of the study more effectively.</p> <p>Materials and Methods</p> <p>Provide more detail on why specific costs (e.g., Cost A1, B1, etc.) are used and how they align with farm management studies. A brief explanation of each cost type is good, but readers may benefit from understanding the rationale behind choosing these particular models.</p> <p>Discuss how data reliability was ensured. Were the questionnaires pre-tested? Were there measures taken to reduce bias during personal interviews?</p> <p>Results and Discussion</p> <p>In some parts, the results are presented without enough interpretation. For example, after presenting the cost-benefit ratios, explain their practical significance—how should farmers or policymakers use these results?</p> <p>Address any limitations encountered during the study, such as environmental conditions or economic</p>	

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	<p>factors that could have influenced the results. Acknowledging limitations improves the study's credibility.</p> <p>Ensure each result links back to the study's objectives. Explicitly state how the findings answer the research questions posed in the introduction.</p> <p>Conclusion</p> <p>While the profitability is mentioned, discuss the broader implications for vegetable farming in Palghar. How can farmers apply these results? What should policymakers take away from this study?</p> <p>Suggest areas for future research more explicitly. For example, could similar analyses be conducted for rabi crops? Should studies on post-harvest management or market access be included?</p>	
<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>This manuscript demonstrates scientific correctness and robustness through its systematic approach to analyzing the economic aspects of kharif vegetable cultivation. The use of established cost concepts, such as Cost-A1, Cost-B1, and others, aligns with standard practices in agricultural economics, allowing for a assessment of production costs and profitability. Also, the empirical data collected from a well-defined sample of 90 vegetable cultivators enhances the reliability of the findings, as it reflects real-world practices and conditions in the Palghar district. The application of simple statistical tools and detailed tabular representations of results further supports the technical soundness of the study, providing clarity and transparency in its methodology and conclusions.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p> <p>=</p>	<p>The references in the manuscript appear to cover a range of relevant studies and sources related to agricultural economics and vegetable production in India. However, there are a few points regarding their sufficiency and recency:</p> <p>Look for recent studies that focus on vegetable cultivation economics in Maharashtra or similar regions, particularly those published in 2021-2023.</p> <p>References to reports from the Ministry of Agriculture and Farmers' Welfare or the Indian Council of Agricultural Research (ICAR) can provide up-to-date statistics and trends in vegetable production. Articles from journals such as the <i>Indian Journal of Agricultural Economics</i>, <i>Agricultural Economics Research Review</i>, or <i>Journal of Applied Economics</i> could be relevant additions.</p> <p>Include research that examines the impact of market trends, climate change, or technological advancements on vegetable farming in Maharashtra.</p>	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The language and English quality of the article require improvement for effective scholarly communication. While the essential ideas are conveyed, several grammatical errors, awkward phrasing, and inconsistent punctuation detract from its professionalism. Additionally, some sentences are overly complex, making comprehension challenging. To enhance clarity, the manuscript would benefit from thorough proofreading, simplified sentence structures, and consistent terminology.	
Optional/General comments		

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>	

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