

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_123290
Title of the Manuscript:	An Analysis of the Financial Feasibility of the Polyhouse Technology by Cucumber Cultivation in Jaipur district of Rajasthan
Type of the Article	Original Research 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 study is crucial for the scientific community as it offers a comprehensive analysis of various financial metrics such as Payback Period (PBP), Net Present Worth (NPW), Benefit-Cost Ratio (BCR), and Internal Rate of Return (IRR), which are essential for determining the feasibility of agricultural investments. The manuscript highlights the significant impact of subsidies on reducing the financial burden for farmers, making polyhouse cultivation a more accessible and profitable option. I appreciate this manuscript because it effectively bridges the gap between academic research and practical application, offering actionable insights for policymakers and farmers. The detailed financial analysis, supported by real-world data from Jaipur district, enhances the study's relevance and applicability.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The current title, "An Analysis of the Financial Feasibility of the Polyhouse Technology by Cucumber Cultivation in Jaipur District of Rajasthan," is informative but can be made more concise and precise. Here are a couple of alternative suggestions: Alternative Titles: <ol style="list-style-type: none"> 1. "Financial Feasibility of Cucumber Cultivation in Polyhouses: A Case Study from Jaipur, Rajasthan" 2. "Economic Viability of Polyhouse Cucumber Farming in Jaipur, Rajasthan" <p>These alternatives focus on clarity and brevity while retaining the key elements of the research focus.</p> </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 of the article provides a comprehensive overview but can be improved for clarity and brevity. Refine the objective by specifying the financial metrics evaluated, such as payback period or net present value. Simplify the methodology by focusing on key aspects, like sampling design (two tehsils, 60 farmers) and the financial metrics used (Payback Period, Net Present Value, Benefit-Cost Ratio, Internal Rate of Return), while omitting specific village names. Condense the results to highlight key findings, such as a favourable payback period and high benefit-cost ratio, without overloading with figures. Finally, add a concluding sentence to summarize the implications for policymakers or farmers considering polyhouse investments.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>The structure and content are appropriate for an academic manuscript focused on financial feasibility. Minor adjustments in clarity and consistency could enhance its readability and impact. Areas for Improvement:</p> <ul style="list-style-type: none"> • Consider revising the Abstract for clearer structure. • Ensure all equations and financial terms are consistently defined and formatted. • Streamline the Introduction by focusing on key points related to the study's objectives. 	
<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>The manuscript sound due to several factors. First, the study employs a comprehensive and methodologically rigorous approach by utilizing a multistage sampling design to ensure representativeness of the data. The analysis includes key financial metrics—Payback Period, Benefit-Cost Ratio, Net Present Worth, and Internal Rate of Return—providing a detailed assessment of the economic viability of polyhouse technology in cucumber cultivation. Second, the manuscript's use of a discount rate of 7.5 percent aligns with industry standards for evaluating medium and long-term investments, adding credibility to the financial calculations. The thorough breakdown of costs and subsidies further supports the study's validity, as it considers various financial scenarios for both small and large farmers, thereby offering a nuanced understanding of the economic impacts. Overall, the manuscript's rigorous methodology and detailed financial analysis contribute to its scientific robustness and technical soundness.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>The references used in the provided research paper are generally reliable but could benefit from updating and adding more recent studies.</p>	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The article's language and English quality are good, but improvements are needed for clarity and scholarly precision. The title should be revised for conciseness, and the abstract needs to focus on primary findings and methodology while avoiding repetition. The sampling design section contains a grammatical error that should be corrected. The methodology section needs refinement for clarity and grammatical accuracy. Results and discussion should be structured with bullet points or subheadings and provide clear explanations of calculations. Specific improvements include simplifying the abstract, ensuring consistent reference formatting, accurate and consistent terminology in the methodology, clear units and references in the results and discussion, well-formatted tables, and maintaining grammatical consistency and a formal tone throughout.	
Optional/General comments	Overall, the manuscript is good for publication with minor changes as suggested.	

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>	

Reviewer Details:

Name:	Rohit Kumar
Department, University & Country	Panjab University, India