

Review Form 3

Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	Ms_JSRR_121991
Title of the Manuscript:	A Comparative Economic Analysis of Resource use efficiency between insured and non-insured sugarcane farms in Tamil Nadu
Type of the Article	Original Research Article

Review Form 3

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 holds significant importance for the scientific community. By utilizing methodologies like the Cobb-Douglas production function, it provides valuable insights into the efficiency levels of sugarcane cultivation, aiding in decision-making for farmers and policymakers. The study's findings on the return to scale, technical efficiency, and factors influencing inefficiency in sugarcane farming contribute to the existing knowledge base on agricultural sustainability and productivity. The manuscript's comprehensive approach to evaluating resource use efficiency in sugarcane cultivation can potentially guide strategies for enhancing agricultural practices and promoting sustainable farming methods, making it a valuable addition to the scientific literature.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title looks meaningful. It easily explains what has been accomplished.</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 objectives and rationale of the study is missing in the abstract section. However, other contents are precisely explained. I don't think any deletion is required.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Introduction section: Review part looks insufficient. Study area: Please add location map if possible. Methodology: Please add comprehensive flow chart for clear information though explanation part is Result and Discussion: It is not clear what sort of machines have been used in the production. No acknowledgement section available.</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 has been written in correct scientific skeleton. In simple text, the findings have been presented which is good for sustainable sugarcane cultivation in the specified area. Technically, this manuscript is quite acceptable for scientific community.</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 are recent but looks insufficient. Some of the paper you can visit:</p> <ul style="list-style-type: none"> • Chaudhary,Rabi,Alam Jawed,Jha Muktinath, (2024) Impact of Climate Change on Sugarcane Productivity in the Southern Part of Nepal Using DSSAT-CANEGRO Model, ISSN:2455:3093 • Bhattacharyya, R., Ghosh, B. N., Mishra, P. K., Mandal, B., Rao, C. S., Sarkar, D., ... & Franzluebbers, A. J. (2021). Soil degradation in India: Challenges and potential solutions. Sustainability, 13(2), 753. • Jain, R., Solomon, S., Shrivastava, A. K., & Chandra, A. (2019). Sugarcane cultivation and sugar industry in India: Historical perspectives. Sugar Tech, 21(4), 589-601. 	
<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The language of this article is quite acceptable in the scholarly communications.</p>	
<p>Optional/General comments</p>	<p>The work presented in the manuscript is good enough to decide the efficacy of the insured system in the sugarcane cultivation.</p>	

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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>	

Reviewer Details:

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