

Review Form 3

Journal Name:	Asian Journal of Agricultural Extension, Economics & Sociology
Manuscript Number:	Ms_AJAEES_126285
Title of the Manuscript:	An Economic Analysis of Maize Production across Major Producing States of India
Type of the Article	1. Original Research Article

General guidelines for the Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guidelines for the Peer Review process, reviewers are requested to visit this link:

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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>
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.	I like this manuscript, it portrays an economic analysis of maize production in India which is very significant to food security and sustainable development.	This manuscript is very important for all over India because maize is grown in less water, maize is most productive among all cereal crops. The traditional and modern industrial uses have made it one of the fastest growing cash crops in the world. Considering its global as well as national importance, like; for human food, feed for animals, poultry and industrial raw material, domestic as well as global demand. 🦋
Is the title of the article suitable? (If not please suggest an alternative title)	<p>The title could be enhanced for clarity and specificity by emphasizing the main focus areas, like profitability, cost analysis, and regional variations.</p> <p>Suggested Title Alternatives: Economic Drivers and Profitability of Maize Production in Major States of India – This highlights the main economic factors and outcomes.</p> <p>Profitability and Cost Analysis of Maize Production in Key Indian States: A 19-Year Study – Emphasizes both the duration and analytical focus on profitability and costs.</p> <p>Regional Variations in the Economic Viability of Maize Production in India – Highlights regional differences in economic outcomes.</p>	<p>I think this is a suitable Title</p> <p>An Economic Analysis of Maize Production across Major Producing States of India -in Economic Analysis also included , cost analysis and profitability.</p>

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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>The abstract is fairly comprehensive, covering key elements like the study’s objective, methodology, and main findings. However, a few adjustments could improve its clarity and completeness:</p> <ol style="list-style-type: none">Highlight Study Objectives More Clearly: While it mentions analyzing cost, returns, and profitability, specifying that this analysis aims to identify key economic drivers and challenges in maize production would strengthen the purpose.Include Methodology Details: Briefly noting the main statistical tools (e.g., Cuddy-Della Valle Index, growth rates) would enhance the reader's understanding of the approach taken.Clarify Key Findings with More Precision: For instance, while the abstract mentions profitability across states, it could specify the states where profitability was notably high or low, and briefly state the policy implications. Adding the implication that findings may assist in better decision-making for policy and investment could also be beneficial.Focus on Policy Implications: Since the study has relevant policy recommendations, including a sentence summarizing these implications would make the abstract more impactful for readers interested in policy.	-
Are subsections and structure of the manuscript appropriate?	Yes	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.	<p>The manuscript is scientifically robust and technically sound due to its comprehensive data collection and rigorous analytical methodology. The study spans 19 years, using secondary data across multiple maize-producing states in India, ensuring a thorough evaluation of trends and growth rates. By employing statistical tools like relative change, linear growth rate, and the Cuddy-Della Valle Index, the authors assess cost instability and profitability with precision, providing insights into the economic viability of maize cultivation. The significance tests and low to medium instability values in most states reinforce the reliability of the results, supporting sound policy recommendations for maize production improvement.</p>	<p>This manuscript is scientifically and technically sound due to its comprehensive study of maize production across states of India. The data was secondary in nature and collected for a period of 19 years. The various statistical tools (<i>viz</i>; relative change, linear growth rate, and the Cuddy-Della Valle Index) cost Analysis and profitability is used for study. This study is most usefull for policy makers in less producing states (like-Madhya Pradesh, Uttar Pradesh and Rajasthan), what is the reason behind less production states and more cost.</p>
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =	<p>Add more references at least 16 Other studies to consider</p> <ul style="list-style-type: none">Dynamics of Maize Production in Different Agro-Climatic Regions by Zadran and Sharma (2019)Assessment of Maize Production Systems, Constraints, and Research Priorities in India by Joshi et al. (2005):Growth and Instability in Agricultural Production: A District-Level Analysis of Haryana by Sihmar (2014):Economic Analysis of Crop Production: Maize Production in India by Kumar, Srinivas, and Sivaramane (2013)Cost-Benefit Analysis of Agricultural Inputs on Cereal Production by Mahapatra and Behera (2020):	<ul style="list-style-type: none">Cost and return structure of maize production in North Karnataka. International Research Journal of Agricultural Economics and Statistics By Murthy, C., Vilas, K. and Bouramma, P.K. (2015).Maize Production Technologies in India. DMR Technical Bulletin2011/---. Directorate of Maize Research, Pusa Campus, New Delhi by Parihar, <i>et.al</i>; (2011).Directorate of Maize Research, Pusa Campus, New Delhi by Kumar, Jat, And Yadav (2013):
Minor REVISION comments	Yes	Yes
Is the language/English quality of the article suitable for scholarly communications?		
Optional/General comments	Discussion needs to be adequately beefed up with links to sources from other similar studies	-

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?	(If yes, Kindly please write down the ethical issues here in details)	No ethical issues in this manuscript