

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_120930
Title of the Manuscript:	Assessing bottlenecks in the rice straw value chains in Punjab
Type of the Article	Field Survey

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 (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	The manuscript highlights the significance of the study and its contribution to the utilization of rice straw after harvest in the field. It summarizes relevant literature and establishes the theoretical background.	
Is the title of the article suitable? (If not please suggest an alternative title)	No Assessment of cereal crops residues management and utilization in Punjab	
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 provides an overview of the study. But the methodology is not clearly defined. Key findings were not well explained but the implication of the study was demonstrated. Delete this section "The traditional practice of open-field burning of rice straw due to time constraints, adversely affects air quality, soil health, and ecosystem sustainability. Various methods have been employed to address the straw management issue, including rice straw incorporation, mulching, baling and partial burning. Different machines are available for timely management of rice straw includes Super SMS, Happy seeder, Paddy straw Chopper/mulcher, Hydraulic Reversible MB plough, Rotary slasher, Zero Tillage drill and Rotavator, Rotary till-drill, Strip till seeder, Straw baler. However, their adoption remains inconsistent across the region. Understanding the bottlenecks and constraints associated with these methods is essential for devising effective solutions". Delete "Assessing the economic viability of these technologies is vital for informed decision-making by farmers and policymakers" Rewrite this section "This research aims to provide valuable insights" as "This study revealed valuable insights"	
Are subsections and structure of the manuscript appropriate?	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.	The manuscript identified various management practices involved in cereal crop farming in Punjab region. The study also identified how residues generated from cereal crop farming can best be utilized and end the environmental nuisance caused by the burning of rice straw after the grain harvest.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	satisfactory	

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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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