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| Journal Name: | [**Journal of Experimental Agriculture International**](https://journaljeai.com/index.php/JEAI) |
| Manuscript Number: | **Ms\_JEAI\_141336** |
| Title of the Manuscript: | **Effect of deep tillage on wheat yield and cost economics of different tillage methods in rice-wheat cropping system** |
| Type of the Article | **Original Research Article** |

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| PART 1: Comments | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (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. A minimum of 3-4 sentences may be required for this part.** |  | The impact of deep tillage on wheat production and cost economics in the rice-wheat cropping system is an agricultural technique essential to South Asian food security is thoroughly and promptly examined in this publication. The study closes important knowledge gaps by assessing the agronomic, mechanical, and economic performance of various tillage techniques, especially when it comes to estimating the effect of subsoil tillage on crop productivity and resource use efficiency. In addition to showing that deep tillage significantly increases yields when compared to traditional techniques, the results offer insightful economic data that can help farmers and policymakers implement sustainable soil management techniques. This work makes a significant contribution to ongoing initiatives to increase agricultural profitability and resilience in the face of shifting soil and climate conditions. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes** | The title should be changed according to the location of the study. The new title is “Effect of Deep Tillage on Wheat Yield and Cost Economics under Rice-Wheat Cropping System in Haryana”. |
| 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. | **Yes** | The abstract contains much numerical data which should be removed from the abstract. Only few numerical data is provided in the abstract. |
| Is the manuscript scientifically, correct? Please write here. | Yes | Yes |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Yes, but it needs to be subsidized with more updated references. | More updated references will be added. |
| Is the language/English quality of the article suitable for scholarly communications? | Yes | Yes |
| Optional/General comments | 1. Numbering the manuscript’s lines would be better to facilitate the reviewing process. 2. Please reorder the keywords alphabetically. 3. The introduction section includes old reivews and needs to be updated; hence, I suggest adding the following updated references to this section: <https://doi.org/10.3390/agriculture11111043> & <https://dx.doi.org/10.21608/jssae.2022.138432.1077> & <https://doi.org/10.1016/j.jafr.2023.100738> 4. The equations should be numbered and cited within the manuscript’s text. 5. What about the limitations of this study? The authors should mention the study’s limitations within the manuscript’s text. 6. In the conclusion section, the authors should mention their future perspectives on this study at the end of this section. | * + - 1. Keywords are alphabetically arranged.       2. More updated references should be added.       3. Numbers to the equations are done.       4. Future perspectives should be added. |

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| **PART 2:** | | |
|  | **Reviewer’s comment** | **Author’s Feedback** (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 issue. |