

**Review Form 3**

Journal Name:	<a href="#">International Journal of Plant &amp; Soil Science</a>
Manuscript Number:	Ms_IJPSS_126569
Title of the Manuscript:	EFFECT OF ZERO TILLAGE PRACTICES ON GROWTH AND YIELD OF POTATO
Type of the Article	Research Article

### Review Form 3

#### **PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b>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.</b>	This manuscript is important for the scientific community, especially those focused on sustainable agriculture, as it provides valuable insights into zero-tillage potato cultivation under semi-arid conditions. By comparing multiple zero-tillage practices, it highlights methods that increase yield while minimizing environmental impact. Furthermore, it addresses practical issues such as weed control, water management, and nutrient retention, which are critical for resource-efficient farming. This research supports climate-smart agriculture by showing alternatives to conventional practices like straw burning.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	The current title is suitable but could be more specific. An alternative suggestion: "Effects of Zero Tillage Practices on Growth and Yield of Potato in Semi-Arid Conditions of Central India."	
<b>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.</b>	The abstract is comprehensive but could benefit from minor revisions for clarity. Suggest adding brief explanations for CIP and FYM on first mention. Include context on why specific methods were superior, such as improved soil moisture and nutrient retention under certain treatments.	
<b>Are subsections and structure of the manuscript appropriate?</b>	The manuscript's structure and subsections are generally appropriate and well-organized, covering all necessary areas like Introduction, Materials and Methods, Results and Discussion, and Conclusion.	
<b>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.</b>	The manuscript is scientifically robust and technically sound. The experimental design is clearly described, with a good number of replicates and thorough statistical analysis. The treatment comparisons are well-justified and highlight the benefits of zero tillage under semi-arid conditions, which adds practical value for farmers in similar environments. The conclusions drawn from the results are consistent and relevant, supporting the manuscript's overall validity.	
<b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b>	The references are sufficient and recent, although a few more studies on zero tillage in similar climates might provide further context. No additional references are necessary unless the author wants to expand on the broader implications of zero tillage.	
<b>Minor</b> REVISION comments  <b>Is the language/English quality of the article suitable for scholarly communications?</b>	Overall, the language is adequate but could be improved slightly for flow and readability. Correct minor grammatical errors and ensure consistency in terms (e.g., kg/ha instead of kgha-1).	
<b>Optional/General</b> comments	Standardize all units (e.g., kg/ha, cm) to avoid ambiguity.	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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