

Review Form 3

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_122927
Title of the Manuscript:	Phytotoxic effect and the Efficiency of different herbicides on weed control in wheat crop
Type of the Article	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>
<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>Food Security: Wheat is a staple crop for billions of people worldwide. Ensuring optimal yields is vital for global food security. Climate Change: As climate change affects agricultural productivity, understanding the interactions between herbicides, nitrogen, and wheat yield can help develop resilient farming practices. Weed Management: Weeds compete with wheat for resources, reducing yields and affecting quality. Effective weed control is essential for sustainable wheat production. Economic Benefits: Optimizing herbicide and nitrogen use can reduce costs for farmers, improve profitability, and contribute to local economies.</p> <p>By understanding the impact of herbicides and nitrogen levels on weed control and wheat yield, we can develop strategies for sustainable, productive, and environmentally friendly wheat production.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>Alternative title: Optimizing Weed Control and Wheat Yield: A Study on the Interactive Effects of Herbicides and Nitrogen Levels</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>	<ol style="list-style-type: none"> 1. Briefly describe the methodology used (e.g., experimental design, treatments) 2. Highlight the significance and implications of the results. 3. In key words, nitrogen level require to mention. 	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Ok</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>Under Materials and methods: Yellow marked place is require to check and correction needed 1. respectively at the rate of 60, 60 kg ha⁻¹ (it will be 60 and 60) 2. Hand weeding at 60 DAS (what is the significancy to give at 60 DAS) 3. Wheat is sown too late Under Conclusion: 1. pendimethalin (1000 ml ha⁻¹) plus 2,4-DEE (750 ml ha⁻¹) (Should be +) 2. What will be the recommendation for farmers require to mention cleary.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Sufficient</p>	

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Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	Suitable somehow but some corrections to be needed.	
Optional/General comments	1. Some corrections are to be required to write down the abstract pattern which should be comprehensive. 2. Hand weeding at 60 DAS will be not a good time. It's too much late. 3. Conclusion will be write down in a better way and clear recommendation to the society for farmers require to mention. 4. Wheat sowing date is too much late so it will be hamper the yield.	

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

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