

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_114754
Title of the Manuscript:	Physiological efficiency of weeds in rice fallow fields
Type of the Article	Original Research Article

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PART 1: Review Comments

	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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> 1. Importance for the Scientific Community: The manuscript is significant for the scientific community as it explores the physiological efficiency of weeds in rice fallow fields. Understanding the photosynthetic rates, transpiration rates, and stomatal conductance of different weed species provides valuable insights into their adaptation strategies and could aid in the development of effective weed management practices. 2. Title Suitability: The title is generally suitable, as it clearly reflects the main focus of the manuscript. However, it could be enhanced for clarity and precision, such as "Physiological Efficiency of Weeds in Rice Fallow Fields: A Comprehensive Analysis of Photosynthetic Rates and Adaptation Strategies." 3. Comprehensiveness of Abstract: The abstract is informative and provides a concise overview of the study, including the methodology and key findings. However, it could benefit from a more explicit mention of the implications of the results for weed management or agriculture practices. 4. Appropriateness of Subsections and Structure: The subsections and structure of the manuscript are generally appropriate, providing a logical flow of information from the introduction to methods, results, and discussion. However, consider adding a separate section for implications or practical applications of the findings. 5. Scientific Correctness: The manuscript appears scientifically correct, presenting data and observations related to photosynthetic efficiency in various weed species. The inclusion of references to previous studies further supports the scientific validity of the research. 6. Sufficiency and Recency of References: The references provided are relevant to the topic and contribute to the scientific background. However, to enhance the manuscript, consider including more recent references, especially in the rapidly evolving field of weed science. Additional references could be sought for recent advancements in weed physiology and adaptation to changing climate conditions. 	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 		
<p>Optional/General comments</p>	<p>Overall, the manuscript contributes valuable information to the understanding of weed physiology, and with some minor adjustments, it could be even more impactful for the scientific community.</p>	

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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>	

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