

**Review Form 3**

Journal Name:	<a href="#">International Journal of Environment and Climate Change</a>
Manuscript Number:	Ms_IJECC_125449
Title of the Manuscript:	HERBICIDE COMBINATIONS FOR EFFECTIVE WEED MANAGEMENT IN RICE
Type of the Article	Review Article

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**PART 1: Review Comments**

<b>Compulsory</b> 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><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></p>	<p>This manuscript examining herbicide combinations for effective weed management in rice holds considerable importance for the scientific community, as it tackles a pivotal issue in contemporary agriculture. The management of weeds in rice cultivation is a pressing challenge, particularly due to the emergence of herbicide resistance. The manuscript offers an in-depth exploration of various herbicide combinations that can provide comprehensive control of weeds, minimize the environmental impact of herbicide use, and optimize economic costs. These factors are crucial for improving rice yields while promoting sustainable agricultural practices.</p> <p>I commend the manuscript for its comprehensive evaluation of herbicide combinations and its potential to inform more effective weed management strategies in rice farming. By emphasizing integrated weed management and addressing herbicide resistance, it plays a vital role in formulating solutions that support long-term sustainability in agriculture.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>The existing title of the article, "<b>Herbicide Combinations for Effective Weed Management in Rice,</b>" aptly encapsulates the primary theme of the manuscript, which centers on the utilization of herbicide combinations for weed control in rice farming. Nevertheless, should you desire a title that is more precise or captivating, the following alternative suggestions may be considered:</p> <ol style="list-style-type: none"> <li><b>1. Enhancing Weed Control in Rice: Investigating Herbicide Combinations for Optimal Management</b></li> <li><b>2. Cutting-Edge Herbicide Approaches for Integrated Weed Management in Rice</b></li> <li><b>3. Comprehensive Weed Control in Rice: The Significance of Herbicide Combinations</b></li> <li><b>4. Eco-Friendly Weed Management in Rice: Harnessing the Efficacy of Herbicide Mixtures</b></li> </ol> <p>These alternatives highlight the innovative aspects and broader significance of herbicide combinations in the context of rice cultivation.</p>	
<p><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></p>	<p>The abstract of the article is notably thorough, offering a succinct summary of the significance of rice as a fundamental crop, the challenges introduced by weeds, and the benefits associated with employing herbicide combinations for effective weed management. Nevertheless, several enhancements could be made:</p> <p>Objective Statement: Clearly articulating the specific aim of the study would enhance clarity for the audience.</p> <p>Results Summary: Including a concise overview of the principal findings, particularly the most effective herbicide combinations identified in the study, would enrich the abstract.</p> <p>Environmental and Economic Benefits: Highlighting the environmental and economic advantages of minimizing herbicide usage, as discussed later in the paper, would increase the abstract's impact.</p> <p>Conclusion: Incorporating a concluding sentence that encapsulates the practical applications or recommendations would reinforce the abstract's conclusion.</p> <p>By integrating these components, the abstract would not only address the issue at hand but also provide a more comprehensive understanding of the research findings and their wider implications.</p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>The subsections and structure of the manuscript appear to be generally appropriate, offering a clear organization into relevant parts like the <b>introduction, materials and methods, and results</b>. However, based on standard practices, a few suggestions could enhance its readability:</p> <ol style="list-style-type: none"> <li><b>1. Clarification of Subsections:</b> Some subsections could be more precisely titled to reflect specific contents, especially in the methods and results sections. For example, clearer headings within the herbicide combinations section (e.g., "Herbicide Effects on Yield" or "Weed Dynamics") would enhance flow.</li> </ol>	

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	<p>2. <b>Logical Flow:</b> Ensure that the methodology is followed by detailed results and discussions linked directly to each aspect of the methods. This would make it easier for the reader to correlate findings with specific experimental details.</p> <p>3. <b>Discussion Expansion:</b> The manuscript may benefit from a <b>conclusion</b> section that separately summarizes the major findings, implications for future research, and practical applications in agriculture.</p> <p>These refinements would help improve clarity and enhance the overall scientific contribution of the manuscript.</p>	
<p><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></p>	<p>This manuscript demonstrates a high level of scientific rigor and technical validity, as evidenced by its thorough examination of herbicide combinations aimed at enhancing weed management in rice cultivation. The authors have meticulously analyzed the intricacies of weed competition, taking into account the variety of weed species and their effects on rice yields, all supported by pertinent literature and empirical evidence. Furthermore, the manuscript presents a critical evaluation of different herbicide mixtures, emphasizing their efficacy and potential benefits compared to single applications, which is essential for tackling issues related to herbicide resistance. The discussion is firmly rooted in scientific principles, reflecting a comprehensive understanding of agronomic practices and the necessity for sustainable methods in contemporary agriculture. In summary, the manuscript offers significant contributions to the domain of weed management and proposes practical strategies for boosting rice productivity.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>	<p>The references in the manuscript are generally sufficient and include a mix of recent and relevant studies related to herbicide combinations for weed management in rice.</p>	
<p><u>Minor</u> REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>The linguistic quality and overall English proficiency of the article are generally appropriate for academic discourse. The manuscript is organized in a coherent manner, and the terminology employed is fitting for the topic at hand. The writing is both clear and succinct, successfully articulating intricate ideas related to herbicide combinations and weed management in rice.</p> <p>Nevertheless, there are several aspects that could be enhanced to improve clarity and academic integrity:</p> <p>Grammar and Syntax: A comprehensive proofreading process could address minor grammatical inaccuracies or awkward constructions that may undermine the text's professionalism.</p> <p>Consistency in Terminology: Maintaining uniformity in the application of specific terms (for instance, "pre-emergence" versus "PE" or "post-emergence" versus "PoE") throughout the manuscript would bolster clarity.</p> <p>Complex Sentence Structures: Streamlining overly intricate sentences could enhance readability and make the information more accessible to a broader audience.</p> <p>In summary, with a few minor adjustments, the language quality could align more closely with the standards anticipated in scholarly communications.</p>	
<p><u>Optional/General</u> comments</p>		

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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>	

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