

### Review Form 3

Journal Name:	<a href="#">Asian Journal of Research in Crop Science</a>
Manuscript Number:	Ms_AJRCS_121595
Title of the Manuscript:	Prediction of herbicide resistant weeds and yield of boro rice (cv. BRRI dhan29) in response to post-emergence herbicides
Type of the Article	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**

<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>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>As weed management is very crucial step in the process of cultivation of rice crop to get optimal yield, This paper highlights the following:</p> <ol style="list-style-type: none"> <li>1. The research assesses the effectiveness of various post-emergence herbicides.</li> <li>2. The study provides insights into the optimal application rates.</li> <li>3. Conducting the experiment in a real-world setting (Agronomy Field Laboratory) adds practical relevance to the findings</li> </ol>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>"Assessing Herbicide Resistance and Yield Optimization in Boro Rice (cv. BRR1 dhan29) Through Post-Emergence Herbicide Applications"</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>	<p>The abstract is quite comprehensive and provides a clear overview of the study. It covers the importance of the research, the methodology, key findings, and implications. However, it could be slightly refined for better clarity and conciseness.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Subjection's structure is correct with some changes need to be done</p> <ol style="list-style-type: none"> <li>1. Equation written in section 2.6 need to be numbered</li> <li>2. Why there is sudden increase in the weed control efficacy between D2 and D3</li> <li>3. There is no Discussion section added. It can be explained separately or can be included in Conclusion section.</li> </ol>	
<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>The manuscript is scientifically correct with the following points.</p> <ol style="list-style-type: none"> <li>1. The findings reveal that certain herbicides, particularly Penoxaprop-p-ethyl and Triafamone at double the recommended dose, significantly improve weed control efficiency and crop yield.</li> <li>2. The study suggests the necessity for further molecular tests to confirm herbicide resistance, indicating the need for ongoing research and development in weed management practices.</li> </ol>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. =</p>	<p>Some more (10-12) references need to be added and add more references from the recent year.</p>	
<p><u>Minor</u> REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes</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>	

#### **Reviewer Details:**

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Department, University & Country	<b>BNM Institute of Technology, India</b>