

### Review Form 3

Journal Name:	<a href="#">Journal of Experimental Agriculture International</a>
Manuscript Number:	Ms_JEAI_130119
Title of the Manuscript:	Impact of Alternate Wetting and Drying Irrigation (AWDI) on water saving and yield of transplanted rice through large scale demonstration
Type of the Article	

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

	<b>Reviewer's comment</b>	<b>Author's Feedback</b> <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.</b>	This research paper is highly significant in the field of water management in agriculture, as it presents the alternate wetting and drying (AWDI) irrigation technique as an effective solution to reduce water consumption and achieve higher productivity in rice cultivation. By comparing the results between conventional methods and AWDI, the study highlights the benefits of this technique in improving water use efficiency, increasing economic returns, and contributing to sustainable agriculture in rice-growing regions.	
<b>Is the title of the article suitable? (If not please suggest an alternative title)</b>	<b>yes</b>	

**Review Form 3**

<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 of the article provides a clear overview of the study, outlining the key objectives, methods, and results. However, to make it more comprehensive, I suggest the following additions and clarifications:</p> <p><b>Objective Clarity:</b> While the abstract mentions the evaluation of AWD (Alternate Wetting and Drying) and its benefits, it could benefit from a more specific mention of the research questions or hypotheses being tested, such as how AWD compares with conventional methods in terms of water savings, yield improvement, and economic returns.</p> <p><b>Methodology Detail:</b> A brief mention of the study design (e.g., experimental setup, sample size, and location) could provide more context for the reader. For example, how many farmers participated, and what were the specific variables measured?</p> <p><b>Results Summary:</b> While the abstract includes results such as yield increases and water savings, it could emphasize the magnitude of the improvements more clearly. For instance, stating the percentage of water saved or yield improvement in concrete terms could make the findings more impactful.</p> <p><b>Conclusion:</b> The abstract could end with a stronger emphasis on the implications of the findings, especially the potential for scaling AWD adoption in other regions or its role in sustainable agriculture practices.</p> <p>By adding these points, the abstract would give a more complete and concise summary of the research, making it easier for readers to grasp the significance and outcomes of the study.</p>	
<p>Is the manuscript scientifically, correct? Please write here.</p>	<p>the manuscript presents valid findings and is scientifically correct</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Add new review from 2020 to 2024</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>		

**PART 2:**

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

**Reviewer Details:**

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