

**Review Form 3**

Journal Name:	<a href="#">Journal of Scientific Research and Reports</a>
Manuscript Number:	Ms_JSRR_124829
Title of the Manuscript:	<b>Improving the germination performance of kalmegh (<i>Andrographis paniculata</i> wall. ex Nees) through hydropriming, halo-priming and osmopriming under salinity condition</b>
Type of the Article	

### Review Form 3

#### PART 1: Review Comments

<b>Compulsory</b> REVISION comments	Reviewer's comment	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
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.	The research work is impressive in the face of climate change events like increasing salinity. It has a scientific value.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title is good but confusing because halopriming is a seed treatment that involves soaking seeds in salt solutions before sowing. If one put seed in salt solution, how can it mitigate the salinity effects or improve germination? The author should clear it.	
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.	<ul style="list-style-type: none"> <li>The abstract is good but long. It should be below 250 words.</li> <li>Kalmegh (<i>Andrographis paniculata</i> wall. ex Nees) should mention in keywords</li> <li>The word "medicinal plant" should omit from keywords</li> </ul>	
Are subsections and structure of the manuscript appropriate?	<ul style="list-style-type: none"> <li>The subsections do not follow the journal style. It should be corrected</li> <li>The data collection process of different traits is missing. It should be added</li> </ul>	
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.	<ul style="list-style-type: none"> <li>In the table the author mentioned interaction treatment. What does it mean?</li> <li>The author gave tabular and graphical presentation of the same data. Put any one</li> <li>The graphs are not well standards. There still some flaws. It should be corrected</li> <li>In, table no DMRT test is done. It should be added for more clarity.</li> <li>In text the author mentioned ANOVA, but there is no such table in the manuscript. It should be added.</li> <li>In the discussion section, the author does not mention why and how KNO<sub>3</sub> improve germination parameters. It should be clearly mentioned, more precisely the mechanisms.</li> <li>Why NaCl treatment/halo priming improve germination under salt stress? It should be clearly stated</li> </ul>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	<ul style="list-style-type: none"> <li>The referencing style does not match journal style. It should be corrected</li> <li>More recent and relevant references should put</li> </ul>	
<b>Minor</b> REVISION comments  Is the language/English quality of the article suitable for scholarly communications?	<ul style="list-style-type: none"> <li>Language quality is not good, should be improved</li> </ul>	
<b>Optional/General</b> comments	<ul style="list-style-type: none"> <li>More scientific analysis should be given for more clarity</li> <li>Conclusion should be short. Its too much long now</li> </ul>	

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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>Bangladesh Rice Research Institute, Bangladesh</b>