

**Review Form 3**

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_122718</b>
Title of the Manuscript:	<b>Effect of different seed priming treatments on seed quality components of Barley (Hordeum vulgare L.)</b>
Type of the Article	<b>Research Paper</b>

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**PART 1: Review Comments**

<b><u>Compulsory</u></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.	Present research paper will helpful to farming community to enhance seed germination and crop stand and seed yield and quality parameters and also helpful to the seed scientists fraternity to know about seed quality problems on barley cultivars performance of different part of farming fields	
Is the title of the article suitable? (If not please suggest an alternative title)	YES	
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>• Its comprehensive, but in second line remove yield attributes and economic returns because u didn't mention information relates to these parameters</li> <li>• Add the valves for all the parameters mentioned in abstract like germination ( 76% )</li> <li>• Campare best treatment with control with values</li> </ul>	
Are subsections and structure of the manuscript appropriate?	<ul style="list-style-type: none"> <li>• All sub sections are meaning full and appropriate</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 introduction add barley area and production of India and State instead of other countries like Australia and Russia</li> <li>• Add reference ISTA (2019) for seed physiological parameters like germination % and root length and shoot length etc.,</li> <li>• Result expression for seed germination percentages and Seedling vigour index I and II must be rounded to the nearest to whole number</li> <li>• Add ISTA 2019 reference in reference section</li> </ul>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	All reference are relevant and recent	
<b><u>Minor</u></b> REVISION comments  Is the language/English quality of the article suitable for scholarly communications?	The way of expression of good. Article is suitable for scholarly communication	
<b><u>Optional/General</u></b> comments		

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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:**

Name:	<b>Harish M.S</b>
Department, University & Country	<b>Chaudhary Charan Singh Haryana Agricultural University, India</b>