

**Review Form 1.7**

Journal Name:	<b>Asian Journal of Soil Science and Plant Nutrition</b>
Manuscript Number:	<b>Ms_AJSSPN_115945</b>
Title of the Manuscript:	<b>Seed priming and media for enhanced seedling growth in pansy (<i>Viola tricolor</i>)</b>
Type of the Article	

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**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<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><b><u>Compulsory</u></b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p><b>Yes, the outcome has addressed an issue in the agriculture sector in the country.</b></p> <p><b>Yes, Title represents what study has examined.</b></p> <p><b>Abstract comprehensive, however, little mentioning of method could enhance the section.</b></p> <p><b>Satisfactory</b></p> <p><b>Yes, except few places as described below in the general comments section.</b></p> <p><b>References seems old, and two papers from 2020 and 2022 only found recent. I suggest to add more new references.</b></p>	
<p><b><u>Minor</u></b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>Language is satisfactorily used however, there are several places that hard to follow. Grammer, especially prepositions, subject-verb-object pattern needs to be checked to avoid readers from being stuck.</p>	
<p><b><u>Optional/General</u></b> comments</p>	<p>Methodology section needs to improve adding more details. It seems this section incompletes as methods of measuring soil properties have not been described. Further, how to measure SPAD index, and please check for all soil chemical and plant physiological parameters.</p> <p>Need to explain in detail the way of measuring seedling growth parameters, also at what stage of seedling growth were these measurements taken? How many seedlings were considered for measuring a parameter? Three replicates were used for a treatment in the study, however, it has not been mentioned how many seedlings were in one replicate. If one seedling was considered in one replicate, the accuracy would be very low. This is a very important thing to consider in this experiment to build confidence in the outcome of this result. That is why I mentioned to develop method section, especially with all details, in a way others can repeat the study.</p> <p>The study introduced seed germination, however experiments have not been conducted to examine germination. Introduction section, therefore, can be revised describing more about seedling growth than germination as the study was conducted only for it, not for germination.</p> <p>Fig 1 is hard to follow, because it lacks more details.</p> <p>Overall, the manuscript can be warrant in the publication of this journal after addressing major issues in the manuscript.</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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