

### Review Form 3

Journal Name:	<a href="#">International Journal of Plant &amp; Soil Science</a>
Manuscript Number:	Ms_IJPSS_128292
Title of the Manuscript:	Enhancing okra [ <i>Abelmoschus esculentus</i> L. (Moench)] performance: A comparative study of priming across varieties
Type of the Article	Original Research Article

#### PART 1: 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>
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.	This manuscript is important because it studies opportunities to improve yield of okra varieties. Some issues are encountered with germination of okra seeds, and then yield. So, seed priming techniques will help solve early some problems and allow yield and components characters to be improved, in order to optimize performance in okra cultivation.	
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.	Yes, but some sentences about initial seed quality tests could have been added.	
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically correct. It presents the problem to be solved and the methodology used is suitable. Parameters studied are well explained and statistical analysis are well presented. Many tables with valuable results are available. However: <ul style="list-style-type: none"> <li>- Also, it would have been good (in results and discussion section) to develop the link between initial seed quality parameters enhanced by priming and okra field performance induced. One could then know if the varieties and treatments leading to better seed quality are still the same for field performance or not, and what is the potential reasons. A way to anticipate selection of good performing varieties early.</li> <li>- The soil used in field may have been described more than pH because sand was used for seed germination quality tests. Influence of soil quality could also occur on seed emergence in the field.</li> <li>- Some references citations may be detailed in order to show what was the exact scope (species, varieties, parameters, values obtained...) of the study of the authors.</li> <li>- When citing references in discussion, stay focussed on the traits studied without mixing with other parameters which are not dealt with.</li> </ul>	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Yes	

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Is the language/English quality of the article suitable for scholarly communications?	Yes	
<u>Optional/General</u> comments		

#### **PART 2:**

	<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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

#### Reviewer Details:

Name:	<b>Yakoro Alphonse</b>
Department, University & Country	<b>Université Joseph ki-zerbo, Burkina Faso</b>