

Review Form 3

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_122179
Title of the Manuscript:	Influence of priming on seed quality and seed health in sorghum
Type of the Article	Original Research Article

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PART 1: Review Comments

<u>Compulsory</u> REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	Seed priming is one of the main aspects of agronomic research for crop production. Although there are so many research works have been done in different crops such as rice, maize, wheat, lentil, chick pea but very few works have been done major millets like sorghum or bajra that parts needs to be explored more by researchers. Thus, the research work is very much relevant in modern approach of agronomy for better crop production.	
Is the title of the article suitable? (If not please suggest an alternative title)	No EFFECT OF SEED PRIMING ON SEED QUALITY AND SEED HEALTH OF SORGHUM [(<i>Sorghum bicolor</i> (L)]	
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 Addition of some point- 1. Key words 2. Abstract format change	
Are subsections and structure of the manuscript appropriate?	Yes	
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.	The Authors systematically and scientifically design the experiments after addressing the problem of seed priming in sorghum. The research method is robust and the tables were self-explanatory. The discussion part is up to the mark except few errors. So, the article may be accepted after minor correction and thorough revision by authors.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	No, add reference regarding speed of germination protocol in discussion part. Incorporate the relevant citation that was done on seed priming of sorghum in introduction part.	
<u>Minor</u> REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The language/English part of the article is up to the mark. However, the discussion part needs to be re-organised as there are so many grammatical errors in sentence composition.	
<u>Optional/General</u> comments		

PART 2:

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

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