

Review Form 3

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_121241
Title of the Manuscript:	Influence of seed priming treatments on yield attributes, seed yield and economic returns of Barley (Hordeum vulgare L.)
Type of the Article	Research Article

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PART 1: Review Comments

Compulsory 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.	This manuscript is important for the scientific community as it provides valuable insights into optimizing barley cultivation through various seed priming treatments. The study's findings on the significant impact of priming treatments on yield attributes and economic returns are crucial for enhancing agricultural productivity and profitability.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, It's	
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.	The abstract requires minor improvement. I suggest adding the area of the experimental unit, the purpose of the study, and the study location.	
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.	This manuscript is scientifically robust and technically sound for several reasons. The use of a Factorial Randomized Block Design with three replications ensures the reliability and validity of the experimental results, reducing the likelihood of bias and increasing the precision of the findings. The comprehensive statistical analysis, including ANOVA, standard error of mean, critical difference, and coefficient of variance, further strengthens the credibility of the data. Additionally, the meticulous calculation of economic returns based on actual prices and detailed cost considerations adds practical relevance to the study. The manuscript's alignment with established scientific procedures and its citation of similar studies in the literature support the validity of its conclusions.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	No, some references are old	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The English language requires a review and editing to be suitable for scholarly communications	
Optional/General comments	The manuscript requires major modifications to be suitable for publication.	

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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