

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_100457
Title of the Manuscript:	Seed priming with H ₂ O ₂ confers better yield in mungbean by modulating the antioxidant enzymes activities and metabolic processes of roots and leaves under salt-alkali mixed stress condition
Type of the Article	Research paper

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy>)

PART 1: Review Comments

	Reviewer's comment	Author's comment (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>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes indeed, as it is aimed to obtain the more safety seeds, free from reactive species' ill effects</p> <p>Change may be required; Seed priming with H₂O₂ confers better yield in mungbean in ameliorating the harmful effect of saline-alkaline stress</p> <p>In methods & Results part, few more descriptions should have been given. Though the research work is very nice, abstract seems to be maximum about "Intro" side only.</p> <p>Yes</p> <p>Yes</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> Is language/English quality of the article suitable for scholarly communications? 	Yes	
<p>Optional/General comments</p>	<ol style="list-style-type: none"> The other negative side of H₂O₂ could have been discussed., like caution in limiting its concentration during use etc., otherwise may lead to tissue damage of the consumer upon long use of plants from such substance. References in each methods/procedure -could have been mentioned No procedure/methods mentioned for Table -1 content determination 	

PART 2:

	Reviewer's comment	Author's comment (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?	(If yes, Kindly please write down the ethical issues here in details)	

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