

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_106171
Title of the Manuscript:	Seed treatment effects on seed quality and longevity of soybean seed collected from different locations inTelangana State
Type of the Article	Original Research Article

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>)

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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> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ul style="list-style-type: none"> • The miracle crop of the twentieth century, soybean, accounts for great nutritional content, which includes 20% oil and 40% protein, and contributes about 58% of the world's total production of vegetable oil. • Owing to its recalcitrant nature, the crop cannot retain viability for longer periods and seed deterioration is quicker in soybean than in other crops. • Yes, the title of the manuscript is suitable and appropriate enough. • Yes, the abstract written is comprehensive. • Yes, they are appropriate enough elucidating various significant aspects. • The presentation of the Abstract, Introduction, Materials and Methods, Results and Discussion are good enough. However, a few lines of the Conclusion have to be added. • The data have been concisely documented in various tabular forms. • The Scatter plot showing the correlation among the seed quality parameters of soybean seed produced from different locations is vividly depicted. • In order to prevent the seed deterioration during storage, the cold storage structures are recommended, however, they are classy being a high volume crop it will become highly problematic to go for cold storage of all the certified seeds produced both under formal and informal systems of seed production. • The study has elucidated the effect of different seed treatment chemicals on seed quality of soybeans during storage. • The references cited are adequate and recent enough. 	
<p>Minor REVISION comments</p>	<ul style="list-style-type: none"> • ABSTRACT, 9th line: seeds- change to plural noun. • Abstract, 9th line: Nirmal- Change to capitalization. • Introduction, 2nd paragraph, 1st line: has a recalcitrant-add an article. • Introduction, 2nd paragraph, 2nd line : than in other crops- insert a preposition. • Pg. No. 2, 1st paragraph, make uniformity in font size. 	

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1. Is language/English quality of the article suitable for scholarly communications?	<ul style="list-style-type: none">• Pg. no.2, 16th line: proven- correct the spelling.• Please add a few lines of Conclusion to the manuscript.• The usage of the English language is appropriate and suitable for scholarly communications.	
Optional/General comments	<ul style="list-style-type: none">• Analysis of means and variances was done following Factorial Completely Randomized Design (FCRD) and the significance was tested.• Overall, the manuscript has been succinctly authored, noticeable, documenting the observations illustratively in the Tabular forms,	

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

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