

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_107621
Title of the Manuscript:	Effect of predominant seed mycoflora (<i>A. alternata</i> and <i>M. phaseolina</i>) on seed quality parameters of sesamum.
Type of the Article	Original Research Article

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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 oil of the sesame crop regarded as the Queen of oils is preferred due to its rich edible oil content (about 50%) and nutritious protein (about 23%) and sufficient carbohydrates (15%) cited from the previous reports. • Furthermore, the crop is accepted universally due to its several medicinal benefits and it is also an iron source of linoleic acid, vitamin E, and vitamin B1 besides the seeds contain methionine, tryptophan, and amino acids with uncountable health aids. • Yes, the title of the manuscript is suitable and appropriate enough. • Yes, the abstract written is comprehensive. • Yes, they are appropriate enough enumerating various significant aspects. • The presentation of the Abstract, Introduction, Materials and Methods, Results and Discussion, and Conclusion are notable and significant. • The plates displaying the Germination of <i>A.alternata</i> treated and untreated seeds in Rolled paper towel method; <i>Alternaria alternata</i> culture on PDA; Germination of <i>M. phaseolina</i> treated and untreated seeds in sesamum cv. Swetha by Rolled paper towel method during 2022-23; and <i>Macrophomina phaseolina</i> culture on PDA are quite vivid and interesting. • The data have been concisely documented in the tabular forms. • The figures depicted are exemplary, and excellent. • Numerous fungi are recognized to be associated with seeds viz., <i>A. alternata</i>, <i>A. sesami</i>, <i>A. tenuis</i>, <i>A. sesamicola</i>, <i>Macrophomina phaseolina</i>, <i>Aspergillus flavus</i>, <i>A. niger</i>, <i>Fusarium</i> spp. • Amongst these diseases, currently leaf spot/blight caused by <i>Alternaria alternata</i>, root rot caused by <i>Macrophomina phaseolina</i> are widespread and posing a main peril to the production and productivity of sesame crop throughout India and with reference to Telangana state. • The references cited are adequate and recent enough. 	
<p>Minor REVISION comments</p>	<ul style="list-style-type: none"> • Write as a single word for "keywords". • Materials and Methods, 3rd line: to the standard blotter-add an article. 	

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1. Is language/English quality of the article suitable for scholarly communications?	<ul style="list-style-type: none">• Sub-section f, 2nd line: in a hot-air oven; 4th line: in a desiccator -correct the usage of the article.• The usage of the English language is appropriate and suitable for scholarly communications.	
Optional/General comments	<ul style="list-style-type: none">• Overall, the manuscript has been succinctly authored, noticeable and accompanied by a sleek presentation of figures, documenting the observations illustratively in the Tabular forms.• The pictures of Plates are also well presented and striking.	

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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