

## 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

### 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><b>Compulsory</b> REVISION comments</p> <p><b>1. Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p><b>2. Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p><b>3. Is the abstract of the article comprehensive?</b></p> <p><b>4. Are subsections and structure of the manuscript appropriate?</b></p> <p><b>5. Do you think the manuscript is scientifically correct?</b></p> <p><b>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>=The <i>A. alternata</i> and <i>M. phaseolina</i> inoculated and uninoculated seeds of both test pathogens were tested for germination and seedling growth by rolled paper method and pot culture studies.            =Significant differences in seed germination, seedling length, seedling dry weight, seedling vigour index I and II and seed moisture content were observed in susceptible cv. Swetha.            =The results indicated that <i>A. alternata</i> recorded less seed germination percentage (60.50 %), seedling length (656 cm), dry weight (9.12 mg) and SVI-I and II (656 and 552) over untreated seeds recording high germination (82.25 %), seedling length (14.84 cm), dry weight (13.17 mg) and SVI-I and II (1221 and 1116).            =Similar results were observed in <i>M. phaseolina</i> treated seeds where the pathogen treated seeds recorded less seed germination percentage (70.75 %), seedling length (9.42 cm), dry weight (8.71 mg) and SVI-I and II (667 and 599) than pathogen untreated seeds recording high seed germination (82.50 %), seedling length (14.25 cm), dry weight (13.30 mg) and SVI-I and II (1175 and 1097).</p> <p>The title of the article is suitable</p> <p>The abstract of the article is comprehensive</p> <p>Subsections and structure of the manuscript are appropriate</p> <p>The manuscript is scientifically correct</p> <p>The references are sufficient and recent</p>	
<p><b>Minor</b> REVISION comments</p> <p><b>1. Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>English quality of the article is suitable for scholarly communications</p>	
<p><b>Optional/General</b> comments</p>	<p>-Please delete 'seed' of <b>seed</b> mycoflora            -Please write full name of <b>A. alternata</b> and <b>M. phaseolina</b>            -Please check and follow journal format</p>	

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**PART 2:**

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

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