

## Review Form 1.7

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_105331</b>
Title of the Manuscript:	<b>Effect of seed invigoration treatments on seed quality and seedling vigour in fodder maize (Zea mays L.)</b>
Type of the Article	<b>Original Research Article</b>

### **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**

	<b>Reviewer's comment</b>	<b>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)</b>
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>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><b>This manuscript is scientifically relevant as the need for fodder is increasing to cater the needs of increase in milk production which depends of the healthy feed of cattle. Since Seeds of Fodder maize loses its vigour quickly, thw inviouration studies is important</b></p> <p><b>Yes</b></p> <p><b>Yes</b></p> <p><b>yes</b></p> <p><b>Yes</b></p> <p><b>References need to be updated as there are many studied pertaining to quality enhancement were done every year.</b></p> <p>Some grammatical errors were observed and the abbreviations like i.e., have to be given in italics. Instead of on priming - T5 (Control) can be mentioned as unprimrd seeds</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes</p>	
<p><b>Optional/General</b> comments</p>	<p>The study taken for research is relevant to the present situation as the production of fodder maize is decreasing every year and seed quality deterioration is more. To have sustained production of fodder quality and vigourous seeds have to be produced. The result of the present study can find a result for deterioration off fodder maize seed</p>	

**Review Form 1.7**

**PART 2:**

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

**Reviewer Details:**

Name:	<b>S. Lakshmi</b>
Department, University & Country	<b>Tamil Nadu Agricultural University, India</b>