

Review Form 1.7

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_102897
Title of the Manuscript:	PHYSIOLOGICAL SEED QUALITY RESPONSES OF THREE RICE VARIETIES TO DIFFERENT STORAGE MATERIALS UNDER AMBIENT CONDITIONS
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.journaljeai.com/index.php/JEAI/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> <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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>The research is relevant and original, both for the choice of a strategic raw material: rice, and for the concern with its storage. The research investigated the effect of different storage materials on the regulatory and health characteristics of stored rice seeds. It has been observed that certain materials can accelerate seed production, resulting in reduced vigor and loss of viability. Considering the restriction of research information on the successful storage of rice seeds in developing countries, this study aims to fill this gap. I highlight in the research that: The nylon bag without plans had a high infestation of <i>Sitophilus oryzae</i>, while the bucket had a lower incidence of insects. Twelve fungal pathogens were identified, nine pathogenic (<i>Alternaria spp</i>, <i>Bipolaris spp</i>, <i>Curvularia lunata</i>, <i>Phoma spp</i>, <i>Nigrospora spp</i>, <i>Fusarium moniliforme</i>, <i>Fusarium pallidoroseum</i>, <i>Tricoderma spp</i> and <i>Myrothecium</i>) and three saprophytic (<i>Rhizopus sp</i>, <i>Aspergillus flavus</i> and <i>Penicillium sp</i>). The results provide important information to improve rice seed storage, maintaining its quality and viability. The results have promoted food security and agricultural productivity, highlighting the need to choose suitable packaging materials to preserve seed quality. The introduction is well written, the methodology clear and quotes from current and experienced authors in the field. The title is appropriate. Also, all results shown in the table are correct. An excellent article!</p> <p>Latest references must be added</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Need to improve the language</p>	
<p>Optional/General comments</p>	<p>-----</p>	

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

Review Form 1.7

Reviewer Details:

Name:	Virgínia Mirtes de Alcântara Silva
Department, University & Country	Rede Internacional de Resiliência Climática, Brasil