



SDI Review Form 1.6

Journal Name:	Asian Journal of Research in Agriculture and Forestry
Manuscript Number:	Ms_AJRAF_57438
Title of the Manuscript:	Seed and Seedling Response of <i>Irvingia gabonensis</i> (Aubry-Lecomte ex O'Rorke) Baill. to Lengths of Storage at Room Temperature and Pretreatments
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:

(<http://www.sciencedomain.org/journal/10/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)
Compulsory REVISION comments	<p>This article presents scientific merit with interesting points addressed in the context of science and applicability in everyday life, however, aspects related to the methodology need to be reviewed by the authors, such as, for example, the calculated form for cumulative germination, which method was used in the calculation of this parameter ?</p> <p>When reporting on cumulative germination, modeling analysis is required as revised by Richard (1959) - RICHARDS, F. J. A flexible growth function for empirical use. Journal of Experimental Botany, London, v. 10, n. 2, p. 290-300, 1959. This approach was used with precision in the evaluation of seed germination (see links).</p> <p>(1) ALVES JÚNIOR, C. et al. Water uptake mechanism and germination of Erythrina velutina seeds treated with atmospheric plasma. Scientific Reports, London, v. 3, n. 6, p. 3722-3726, 2016.</p> <p>(2) SERÁ, B. et al. Does cold plasma affect breaking dormancy and seed germination? A study on seeds of lamb's quarters (Chenopodium album agg.). Plasma Science and Technology, České Budejovice, v. 11, n. 6, p. 750-754, 2009.</p> <p>Authors should follow the references cited and make the suggested changes in order to better explain the uniformity of germination of the seed lot, as well as the germination speed and total germination percentage of the studied seeds.</p> <p>Modeling analysis proposed by Richard (1959) makes it necessary for a more complex understanding of the germinative behavior of the seed population of endemic (native) species in a given environment.</p> <p>With such modifications, the article is able to be published by this journal, being deservedly recognized for the local relevance of the study.</p>	
Minor REVISION comments		
Optional/General comments		

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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