

Review Form 1.7

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_109871
Title of the Manuscript:	VIABILITY AND VIGOR OF <i>Annona squamosa</i>, L. SEEDS IN DIFFERENT SUBSTRATES
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>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>	<p>1. Yes, indeed, a real transformation of food systems in a context highlighted by climate change requires producing healthier, safer and more nutritious food on less land, using less water and with zero chemicals, and producing less waste and fewer greenhouse gases for a better future for food systems. This study provides a good illustration of this philosophy through climate-friendly seeds, the quality of which is measured by vigor and viability.</p> <p>2. Yes. I suggest an alternative title: Physiological responses of <i>Annona squamosa</i>, L. seeds in different substrate trials in a hot tropical region of Brazil, South America</p> <p>3. Insufficient. The following comments should be added to complete the summary: Specify experimental device used to evaluate vigor and viability of <i>Annona squamosa</i> seeds. Is it a Complete Aleatory Block (CAB) or a Split-plot etc.? Include in the summary the main parameters measured and details of the plant material (<i>Annona squamosa</i>, L.). Is it from tropical America or the West Indies? Which one is being studied? <i>Annona squamosa</i> L. var green? Defining commercial substrates; Specify values and show statistically significant differences from other substrates, specify which cultivar obtained these values. For the keywords, add: seeds, <i>Annona squamosa</i>, L.</p> <p>4. Yes; it's ok.</p> <p>5. Yes. But conclusion is insufficient. Specify the germplasm for which the data were collected. in methodology, please provide more information on plant material. include the ANOVA table. Give details of seed collection area (rainfall, temperature, soil type) in methodology</p> <p>6. Yes. It's ok</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	Yes	
<p>Optional/General comments</p>	key message is in this draft.	

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PART 2:

	Reviewer's comment	Author's comment <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>
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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