

**Review Form 1.7**

Journal Name:	<b>Journal of Advances in Biology &amp; Biotechnology</b>
Manuscript Number:	<b>Original Manuscript_JABB_117652</b>
Title of the Manuscript:	<b>Effects of different Plant Growth Regulators on seed germination, seedling growth and establishment of papaya (Carica papaya) Cv. Pusa Nanha</b>
Type of the Article	<b>Original Research Article</b>

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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)
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></li> </ol> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> <li>1. Article entitled "Effects of different Plant Growth Regulators on seed germination, seedling growth and establishment of papaya (Carica papaya) Cv. Pusa Nanha", has fulfilled the terms and conditions from a research point of view, and the research results are useful for determining the effect of different growth regulators on seed germination, seedling growth and papaya (Carica papaya) plant growth.</li> <li>2. In my opinion, the title given to the article fulfills the research aspect, you only need to consider the location of the case study, whether the research results apply globally to all papaya plants or only apply to the case study area being researched.</li> <li>3. Globally, the description presented in the abstract is still not specific, it is better if the description in the abstract is divided into the background of the problem to be researched, a description of the process using the concepts, algorithms or methods used in the research, and then a conclusion on the results obtained from the research. It is best to include the sequence of work processes in the introduction using a workflow. Further explanation is needed regarding the statement "On the basis of present experimental findings, it is concluded that treatmentT6(GA3 200ppm) performed best in terms of Germination percentage, Seedling vigour index, Number of leaves, Plant height, Chlorophyll content and stem girth while T2 (NAA 150ppm) performed best in terms of Leaf length, Leaf width, Leaf area and Establishment Percentage. The lowest observation was recorded in T0 (Control)", because this statement has not clearly and specifically described the results obtained in research in order to increase. research results, it is best to use a percentage value to show the results of a good increase in performance from the proposed method compared to other methods or previous research.</li> <li>4. In my opinion, globally we still need a more specific explanation for each sub. For the writing structure, please look again at the written structure that has been determined.</li> <li>5. In my opinion, the manuscript written is scientifically appropriate, it just needs further explanation regarding the data used and processed in the research carried out</li> <li>6. The references provided are good, you only need comparative references from research that has been carried out by other researchers to be able to determine the novelty of the research carried out.</li> </ol>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p>Please check again as a whole, especially the writing structure, thank you</p>	
<p><b>Optional/General</b> comments</p>	<p><b>Introductory Part:</b> It would be better if the introduction section shows the steps or stages of the research which are described in the form of a flowchart or work flow. Show the novelty of the research you conducted, as well as its relationship to previous research. A more specific description is needed regarding the relationship between survey data and the concept of the process carried out in the research.</p> <p><b>Conclusion:</b></p>	

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	<p>Provide a more structured and simpler description that shows that the results of the research carried out are effective.</p> <p>The statement in the conclusion is still too global and does not show a more specific statement of results from a process carried out in the research, such as all statements in the conclusion, namely "On the basis of present experimental findings, it is concluded that treatment T6 (GA3 200ppm) performed best in terms of Germination percentage, Seedling vigour index, Number of leaves, Plant height, Chlorophyll content and stem girth While T2 (NAA 150ppm) performed best in terms of Leaf length, Leaf width, Leaf area and Establishment Percentage.", does the statement show no research has been carried out or has been carried out, if it has been carried out it is better to use a percentage value to show the superiority of the research produced in the research process compared to the results of observations from previous methods or the results of previous research.</p>	
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### **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:**

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