



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Journal of Biotechnology and Genetic Engineering</a>
Manuscript Number:	Ms_AJBGE_40538
Title of the Manuscript:	Impact of papaya seed soaking in different BA, colchicine and EMS solutions on germination, growth and chromosomal behavior
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/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

**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)
<b>Compulsory</b> REVISION comments	<p>Why was not the leaf area evaluated as an growth promotion variable? From Photo 2 it is noted a negative effect in the three colchicine treatments evaluated.</p> <p>In Photos 1, 2 and 3 is needed the reference of the time of the trial in which the photographic record was made.</p> <p>If the work focuses only on the evaluation of the capacity to promote plant growth in the seedling stage, why do the heights of the treatment plants reach between 50 and 113 cm? The normal value to perform the transplant to the field is when the seedlings reach 12-15 cm in height,</p>	
<b>Minor</b> REVISION comments	<p>The times of the bioassay should be expressed in days, not dates, in order to facilitate the reference and understanding by the reader.</p> <p>The formula applied to calculate the speed of emergence or germination is not adequate, you should use a conventional formula that correlates # germinated plants / day.</p> <p>How was the "growth vigor" evaluated?. It is usually expressed as an index of vigor.</p>	
<b>Optional/General</b> comments	<p>You should polish the technical English and use the specific terms that are required, for example: Moreover, (T10 and T2) treatments of (EMS at 3 % and BA at 1%), respectively, ranked statistically second as their effect on stem diameter was concerned for papaya Solo cv. <b>translocated seedlings</b> during two experimental seasons.</p>	

**Reviewer Details:**

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