



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_31325
Title of the Manuscript:	EFFECT OF GRAVITY VARIATION ON THE GROWTH OF WHEAT AND GUINEA CORN SEEDLINGS
Type of Article:	

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
Note: Results and Discussion. Fig. 1 showing guinea corn..... remove “showing” Figure 1 did not appear in text. Tables and figures should be placed immediately after siting. i.e., After respectively and before, The results, place Tables 1 and 2, One important comment that was made dealt with a need for providing the discussion statistically and providing the sample size (n) for each type of analysis in Tables 1-3. That has not been done. Please be sure to include this information. After figure four, you made the following statement “The higher value of angle indicates a more pronounced curvature”. Scientific reports are expected to be written statistically ie. If significantly increased or decreased The right word is “Comparison” not “Comparism” as you wrote. Please, get a language evaluator Conclusion: Delete, “In this study, we have employed clinostat to study the effect of gravity variation on wheat and guinea corn seedlings to unravel the effect of simulated microgravity condition on the growth rate and curvature angle of locally sourced seeds.” Conclusion is summary of findings, does not require figures. Not necessary: “In developed countries, the effect of microgravity on materials is a long term project and usually financed by government and other donor agencies through research grant”. The following should be under Recommendation however, it should be rephrased i.e. Government of Nigeria should provide financial assistance/grant to improve.....: “Such practices should be emulated and supported in Nigeria in order to improve database information and also to aid in the development of both institutional and human resources needed for effective community awareness and education on the effect of microgravity on materials especially in food security as this project will promote the cultivation of foods in outer space for the upkeep of the Astronauts instead of carrying food along with them while on a space mission. This research has been found to be more interesting but the question that arises and needs to be answered is ‘can the microgravity environments support the cultivation of plants up to the stage of fruits bearing?’ Further research is recommended in this area.” Please, consider having your paper reviewed by a native English speaker for language quality.	Figure 1 and other tables and figures have been rearranged and placed in their rightful positions. All the necessary changes have been effected to reflect the reviewer’s suggestions.. The necessary corrections have been modified as recommended by the reviewer. Thank you very much Sir