



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_41819
Title of the Manuscript:	VARIABILITY AND SPATIAL CORRELATION BETWEEN PHENOTYPIC ATTRIBUTES AND PRODUCTIVITY OF PAPAYA
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>)



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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 Abstract: Methodology- Result- Introduction: Material and Methods: Result and Discussion:	Analysis part is missing in the abstract. Better to summarize analysis methods. Result is qualitative, Inclusion of statistical finding will be better to reflect result of the study. As the title is finding correlation, reflect variables; how result showed correlation between phenotypic attribute and productivity? Introductory part is limited concerning the theme of the topic. Better to elaborate with more review of similar studies. Make own sentences copied from the previous studies. - Better to numbering the formulas line 102 and 119 as(i)(ii)) - Line 124 clear this methods as written to construct thematic maps - Better to include location/sketch map of the study area. - Line no. 267 states a recommendation types justification like :”<i>The study of these interactions between phenotypic variables and productivity should be the object of 268 studies at more advanced stages of the papaya....</i>” Clear this statement? - How correlations between the phenotypic attributes of papaya plants are attributed to influence by the different variables. Need more justification in terms of environmental gradients or climatic pattern. Does there any relation with physical factors with variability? - Line 333 <i>The region east of the map presented</i>, in addition to higher productivity (PRD), plants with more 334 economically interesting characteristics.... Clear such types of statements to make easily understandable to the others. - More justification of similar relevant studies is required to justify finding of the study.	Thanks for your suggestions to improve the work. We reviewed each point and made the necessary adjustments. This is a work with a pioneering theme with the culture of papaya and we believe that there is relevant information for publication and dissemination of a promising theme for the innovation of this crop. We hope this revised version is better than before. We await your new opinion. Regards.
Minor REVISION comments	- Rewrite abstract in concise form reflecting objective, method, result and main findings of the manuscript. - Need for more elaboration of introductory part directly connecting with the topic and more review of latest literatures. - Technically sound data collection and analysis methods in methodology section make clearer of the study. - Only concise result needs in results and discussion section with justification of previous study. - Language errors; Clear, concise, correct form. - Complete references cited in relevant sections as per authors guideline.	
Optional/General comments	- Need more elaboration of coefficient of correlation analysis. - In result section extensive analysis is need to prove your result. - Need to justify your result with elaborative discussion and literature review.	