

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_111065
Title of the Manuscript:	Correlation estimates of phenotypic and genotypic performance and Path coefficients in chilli (Capsicum annuum L.)
Type of the Article	

## Review Form 1.7

### 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  <b>1. Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)  <b>2. Is the title of the article suitable?</b> (If not please suggest an alternative title)  <b>3. Is the abstract of the article comprehensive?</b>  <b>4. Are subsections and structure of the manuscript appropriate?</b>  <b>5. Do you think the manuscript is scientifically correct?</b>  <b>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b>  <b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b>	<p>1. The manuscript can have a low importance for scientific community. The applicability of the obtained results is very limited as long as the genotypes included in the study are not presented.</p> <p>2. A proposal for an alternative title: <b>Correlation and path coefficient analysis for yield and its components in chili (<i>Capsicum annuum</i> L.)</b></p> <p>3. In the abstract, the objectives of the research must be expressed/presented more clearly.</p> <p>4. The Introduction must be reorganized and summarizes the relevant literature so that the reader will understand the necessity of this study. It is unacceptable that only two references are cited in the introduction (every statement in this section must be accomplished by a citation). The authors must present at the end of the introduction the aim/objective of their research.</p> <p>In the M&amp;M section the genotypes included in the study must be presented (name, origin,). Reformulate the text "The seed was planted on April 10, 2021, after being shown on a nursery bed on August 28, 2021", plant first and sow later???</p> <p>In order to estimate/calculate the genotypic correlation/variance/covariance you need to study different genotypes in different environmental (years, locations, production systems) conditions (there is no information about this in the M&amp;M).</p> <p>In the Results section, in order to have a unitary structure insert a new subsection (Correlations analysis). It is unacceptable to analyze the correlations between traits without presenting their average values for the studied genotypes.</p> <p>Insert in the bottom of Table 1, 2 the (revised) text *, ** -Significant at 5% and 1%, respectively. In the bottom of Table, 3, 4, use R<sup>2</sup> instead of "R SQUARE". Insert the text "bold values represent the direct effect of different trait on fruit yield".</p> <p>5. The discussion part is very weak, you have to explain the meaning of your findings, not only to list a few citation.</p> <p>6. The citations to Singh and Chaudhary, Dewey and Lu presented in the M&amp;M are missing from the references. This section must be extend according with the improvement of introduction and discussion sections.</p>	
<b>Minor</b> REVISION comments  <b>1. Is language/English quality of the article suitable for scholarly communications?</b>	The manuscript require minor English correction.	
<b>Optional/General</b> comments	I regret to recommend that the manuscript is not acceptable for publication in its present form. All detailed comments and suggestions can be found above.	

### PART 2:

	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>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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