

**Review Form 1.7**

Journal Name:	<b>International Journal of Plant &amp; Soil Science</b>
Manuscript Number:	<b>Ms_IJPSS_106767</b>
Title of the Manuscript:	<b>Estimation of response to selection in chilli (Capsicum annum L.)</b>
Type of the Article	<b>Original Research Article</b>

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**PART 1: Review Comments**

	<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)
<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><b><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>1. Manuscript is very important for the scientific community in view of the economic, industrial and medicinal importance of the Chillies thus the need to breed for improved varieties with suitable traits to meet the demands of the market is very essential.</p> <p>2. Please consider revising the original title May be 'Estimation of genetic variability in Chilli...</p> <p>3. Abstract is ok but a bit of introduction to the studies must be added. Other suggestions in text and comments have been made.</p> <p>4. Subsections and structure of the manuscript need to be improved.</p> <p>In your <b>introduction</b>, A brief description of the genotypes used will be helpful. Indicate clearly your study objectives. Also include in your introduction expanded literature on (heritability, genotypic coefficient of variation (GCV), phenotypic coefficient of variation (PCV) Genetic Advance and Genetic advance as percent of mean (GAM) which you did not present in your results) and their implications with references which will help you in the discussions. Briefly state how these parameters were calculated and how the traits were measured.</p> <p><b>Materials and Methods:</b> A brief description of the location of the trial could help since different environments may give different results. A table describing the different chillies with their sources could also help. Authors should include the method for calculating the Genotypic coefficient of variation, phenotypic coefficient of variation, genetic advance and genetic advance as percentage of mean for the sake of repeatability of the study. Please check references suggested above. A brief description of how the parameters were measured could also help for repeatability of the study.</p> <p>There was no <b>conclusion</b> of the paper.</p> <p><b>Other suggestions and comments are in the text.</b></p> <p>5. The manuscript is somehow scientifically correct subject to serious major corrections and suggestions made.</p> <p>6. The references are insufficient. Other relevant references have been suggested below especially literature on Genetic variability, Genotypic coefficient of variation, phenotypic coefficient of variation, genetic advance and genetic advance as percentage of mean. Their implications must be mentioned so that they could be used in the discussions. Additional suggestions are found in the text and comments section.</p> <p>Dev Nidhi Tiwari et al. 2019. Genetic Variability and Correlation Coefficients of Major Traits in Early Maturing Rice under Rainfed Lowland Environments of Nepal. Hindawi Advances in Agriculture Volume 2019, Article ID 5975901, 9 pages <a href="https://doi.org/10.1155/2019/5975901">https://doi.org/10.1155/2019/5975901</a></p> <p>Ewool M. B. &amp; Akromah R. 2017. Genetic Variability, Coefficient of Variance, Heritability and Genetic Advance of Pro-Vitamin A Maize Hybrids. International Journal of Agriculture Innovations and Research. 6 (1) 2319-1473.</p> <p>Endashaw Girma Seyoum, Alemnesh Sisay. Genetic Variability, Heritability and Genetic Advance Study in Bread Wheat Genotypes (Triticum aestivum L.). Advances in Bioscience and</p>	

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	Bioengineering. Vol. 9, No. 3, 2021, pp. 81-86. doi: 10.11648/j.abb.20210903.13  Kumar et al.2019. Variability, heritability and genetic advance studies in French Marigold (Tagetes patula L). Journal of Pharmacognosy and pytochemistry. 8(5)1046-1048  <b>Additional suggestions and comments</b>	
<b>Minor</b> REVISION comments  1. <b>Is language/English quality of the article suitable for scholarly communications?</b>	Language /English quality of the article is suitable for scholarly communications. However, there were few construction mistakes and corrections have been suggested	
<b>Optional/General</b> comments	Most of the comments are in the text and comment section	

### **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:**

Name:	<b>Manfred Bondzie Ewool</b>
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