

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_117312
Title of the Manuscript:	Evaluation of Genetic Diversity in Chickpea (Cicerarietinum L.) Germplasm in Prayagraj Agro-Climatic Conditions using Metroglyph Analysis
Type of the Article	Research paper

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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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> Is the manuscript important for scientific community? (Please write few sentences on this manuscript) Is the title of the article suitable? (If not please suggest an alternative title) Is the abstract of the article comprehensive? Are subsections and structure of the manuscript appropriate? Do you think the manuscript is scientifically correct? Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>Yes, The Manuscript can contribute to scientific community The Authors claimed to "Evaluation of Genetic Diversity in Chickpea (Cicerarietinum L.) Germplasm in Prayagraj Agro-Climatic Conditions using Metroglyph Analysis" which looks interesting contribution to the field of Agriculture Plant Breeding and Genetics.</p> <p>Yes,</p> <p>No, There are grammatical and technical mistakes.</p> <p>Yes, after thorough review. There are hundreds of grammatical and technical mistakes,</p> <p>Yes,</p> <p>Abstract Line No 1, 12, 13, 15 have genotypes repeating, harvest Indexing instead of harvest index, per instead of exponential form in whole manuscript which is not according to scientific manuscript standard , and you mentioned 25 genotypes in start of the abstract and then stated 29, which is confusable for reader. Line no 15 have sentence that '<i>Among 29 genotypes, these genotypes, UDAY, NBEG-3, NBEG-47, ICC-313, FLIP-09-162, RVG-202, IPC-11-85 were observed as higher yielder and identified for higher index score</i>'. Rephrase the sentence for a reader's good look please.</p> <p>Introduction Line No 22. Remove either or "or" replace it with leguminous specie. Line No. 28, 29, 30, 31 <i>At around 11.6 million tons produced year, chickpeas come in third place in the world's pulse output; 80 per cent are desi and the remaining 20 percent are kabuli (Merga and Haji, 2019).Grain yield and chickpea growth and development are influenced by a range of climatic and environmental factors.</i> These sentences need technical correction for easily understanding. Line no 34, 35, Either write the whole pathogens name technically, or write it in simple English. Line No 39, Ahmednagar, Solapur, Sangali, Satara Kolhapur, Pune, Nasik, Jalgaon, and Dhule is this name correct, I think there are some mistakes. Line No 42 Pune had the highest prevalence should be changed to Pune showed or exhibited the highest prevalence. Line No 50. Punitha et al., (2010) reference is missing at the last. Line No 51. Bhargava et al. (2009) Reference is old it need some recent reference at least later than 2020.</p> <p>M and M section Add rainfall, soil type, humidity, soil structure, composition and at least on year rainfall data , also mention longitude and latitude along with height from sea level for better understanding, pH, Electrical conductivity, organic matter composition and other aspects.</p> <p>Line No 66 showed Grammar error. Describe the data recording ,methodology, for each parmeter Add units for each trait studied like for plant height (cm) etc.</p> <p>Results and Discussion Line No 102. Spelling and grammatical mistake. Line no 158. Under table no 1." ** Significance at 0.01 level of significance " is technically wrong</p>	

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	you must write "Significant at 0.01 level of probability". Line no 181, 182 have grammatical error please correct it accordingly. References Add at least 10 more recent references with the conformity of your findings it seems insufficient for publication.	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	Yes, minor edition is needed for language quality.	
Optional/General comments	The manuscript can be better for publication after successful revision by the author.	

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

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