

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_92067
Title of the Manuscript:	Assessment of Genetic Variability, Heritability and Genetic Advance Studies for Yield and Quality Traits in Elite Genotypes of Chickpea (Cicer arietinum L.)
Type of the 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:

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy>)

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	<p>Summary: This paper discusses genetic variation, heritability, and genetic variability in 30 chickpea genotypes. The study has employed entirely routine and standard methods. The results have shown that some genotypes have a significant yield and heritability, which can be used in subsequent seed breeding research. It appears that the identified genotypes are good breeding candidates. Despite this, the writing structure of the article had some problems, and strong and sufficient scientific methods were not utilized in the research.</p> <p>Decision: I recommend that this paper not be accepted without major revision.</p> <p>Major Concerns:</p> <ol style="list-style-type: none"> 1. My main concern is the excessive adaptation of the text of this study to previously published articles. 2. To improve and strengthen the methods section, I recommend using Multiple Linear Regression, Correlation Coefficients and ... 	
Minor REVISION comments	<p>Minor Concerns:</p> <ol style="list-style-type: none"> 1. Separating the results from the discussion is preferable. 2. The following grammatical errors should be corrected: <ul style="list-style-type: none"> • Abstract: (with 10) to (with ten), (plot and several) to (plot, and several), (influence of environment on) to (influence of the environment on), (length indicating an) to (length, indicating an), ... • Introduction: (chickpea (Cicer arietinum L.) is) to (chickpea (Cicer arietinum L.) is), (legumes.Chickpea is) to (legumes. Chickpea is), (kg/ha. the crop yields) to (kg/ha. The crop yields), ... • Materials and Methods: (30 chickpea) to (Thirty chickpea), (cm respectively.) to (cm, respectively.), (on 10 traits) to (on ten traits), (viz.,Plant height) to (viz., Plant height), ... • Results and Discussion: (all the 10 characters) to (all the ten characters), (studied which) to (studied, which), (indicates the presence) to (indicate the presence), ... • Conclusion: (they are possessing) to (they possess), ... 	
Optional/General comments		

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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