

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_105645
Title of the Manuscript:	Genetic studies for yield components and screening for drought tolerance at seedling stage of Maize (Zea mays L.) genotypes.
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:

(<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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The author conducted a field experiment involving 30 genotypes of maize was carried out under the field condition during Rabi 2021-2022 to study the association of yield contributing characters among themselves along with direct and indirect effects on grain yield per plant yield and identify the genotypes which are highly efficient with respect to different PEG induced drought stress. The study focused on the plant height, leaf length, ear height, number of grain row per cob, number of grains per row, cob girth, cob weight, biological yield per plant. The author feels that the difference among the genotypes for all the characters were highly significant indicating wide range of variability for most of the traits therefore there is great scope for selection of elite genotype for crop improvement.</p> <p>Path analysis revealed that number of cobs per plant, leaf width, cob length, cob weight, biological yield per plant and harvest index had highest direct positive effects on seed yield. References are recent, work is current and important for farmers. Title is suitable. The paper can be published.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>English need to be improved</p>	
<p>Optional/General comments</p>	<p>Check and follow journal guidelines</p>	

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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>	

Reviewer Details:

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