SDI Review Form 1.6

Journal Name:	**Journal of Experimental Agriculture International**
Manuscript Number:	**Ms_JEAI_51033**
Title of the Manuscript:	**Genetic variances, heritability and traits association of early maturing maize hybrids under drought imposed at seedling and flowering stages**
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:

(http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline)

PART 1: Review Comments

	Reviewer's comment This manuscript is scientifically robust and technically sound. However, very few corrections could still be effected.	**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	1. No compulsory revision comment.	
Minor REVISION comments	The following could be effected – 1. Line 23: were negatively correlated with grain yield except number of leaves. 2. Lines 24 to 26: number of leaves, under the screenhouse conditions had highest significant direct effect on grain yield. 3. Line 27: Conclusion: Number of leaves and chlorophyll content under drought 4. Line 30: **Keywords:** Drought, heritability, genetic variance, path analysis, maize hybrids, screenhouse conditions. 5. Line 106: drought tolerant traits 6. Below Line 197: Under Table 1: could include the unit of measure as – Chlorophyll content, ' unit' 7. Below Line 201: Under Table 2: under 'Sources of variation' could delete '(Rep)' As – Sources of variation Block Replication Genotype 8. Line 268 (Table 5): could change - residual effect (0.25) to – (0.2517) ; Line 270: could change - leaves (0.290) to - (0.294) ; Line 271: could change chlorophyll content (0.051) to - (0.052) 9. Line 301: Table 5: Estimates of path analysis of direct (diagonal values in bold) 10. Lines 308 to 310: Number of leaves under seedling drought stress had the highest direct effect on grain yield under field conditions indicating that this seedling trait is the most reliable predictor of grain yield of early maize hybrids. 11. Line 356: (*Zea mays* L.)	
Optional/General comments	**Could accept that no field trial Results was included in this current study.**	

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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?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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