



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	Ms_AJEA_23267
Title of the Manuscript:	Gas exchange traits and biplot analysis method can be used as screening criteria for salt tolerance in maize (Zea mays L.) cultivars
Type of the Article	Original Research Articles

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:

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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)
Compulsory REVISION comments	The article provided data related to the screening of fifteen cultivars of maize for their salt tolerance using hydroponic study. It is of a great interest because results revealed that biplot analysis method was valuable over conventional relative salt tolerance method. Based on gas exchange, growth and ionic traits, results permit to distinguish salt tolerant cultivars from salt sensitive ones.	In this research work first screening was done against salt stress, then the data presented in conventional method i.e. in the tables and in the form of biplot graph. The parameters which distinguished the cultivars performance under salt stress were clearly visible in biplot graph as compared to tables, this showed that presenting data in biplot graph is more valuable than in tabulated form.
Minor REVISION comments	Material and methods Line 95: ... from each repeat (without (s) was . References : Line 39-40 : Ashraf and Ashraf (2012) was not in the references. Line 47 : Write Barret-Lennard, 2003) Line 53 : Write Makhtar et al., 2013) not Makhtiar Line 60 : Write Jafari at al., 1995), not Jafari Sbaestari et al., 1995). Line 268 : Write Ahmed et al. (2012) ; not Ahmad et al. (2012), The reference Steel et al. (1997) was not in its place in the references.	Revised see line 92 Already present; Arslan, M.A. and M. Ashraf, 2012. Salt-induced variation in some potential physiochemical attributes of two genetically diverse spring wheat (<i>Triticum aestivum</i> L.) cultivars: photosynthesis and photosystem ii efficiency. Pak. J. Bot. 44(1) 53-64. Revised Corrected Already present
Optional/General comments		