



SDI Review Form 1.6

Journal Name:	<u>Journal of Experimental Agriculture International</u>
Manuscript Number:	Ms_JEAI_24311
Title of the Manuscript:	Evaluation of Genotype x Environment Interaction and Stability of grain yield and related yield components in Pearl Millet (<i>Pennisetum glaucum</i> (L.) R.Br.) genotypes
Type of the Article	Original Research Paper

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>)



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PART 1: Review Comments

	Reviewer's comment	Author's comment <i>(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)</i>
<u>Compulsory</u> REVISION comments	I make some suggestions: <u>Introduction:</u> - I suggest deleting the stretch of line 82 to 92 because I understand it to be more appropriate for a discussion. "As a result, only the fir... in breeding for grain yield". <u>Material and Methods:</u> 1. In Table 1: replace °c for °C. 2. Do you have chemical analysis of soil? If possible to present. Because it will be useful for discussing the results. 3. To present information on temperature, precipitation and relative humidity during the conduction of the experiment in the field of the two location. Because too it will be useful for discussing the results. 4. In line 125: how much water was used in irrigation in Marigat? Was there water stress? 5. In the parameter, weight of 1000 seeds, what is the water content of the seeds? <u>Results and Discussion:</u> 1. I understand that this claim can't be made because in this research there weren't competition performance of pearl millet hybrids with OPVs. 2. In titles of tables 3 to 5 to correct the date (2012/13	Ok



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	for 2011/12). 3. Note in line 202: "The significant effect of the sites is due to their variation in the amount of rainfall and seasonal distribution, temperature and soil type (Table 1)." To explain why in Table 1, soil types are the same. Also about precipitation, because there was irrigation when it had water stress. 4. In line 210: "The poorest genotypes across location were EUP 4 and EUP". It is which EUP? <u>Conclusion:</u> - I suggest deleting the stretch of line 260 to 261: The findings of this study showed that pearl millet hybrids has high potential for commercial 260 production in Kenya than the OPVs.	
<u>Minor</u> REVISION comments	1. To use more references for discussion. 2. Improve the quality of figure 1 and 2.	Ok
<u>Optional/General</u> comments		