



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_30154
Title of the Manuscript:	Mega Environment Identification for Soybean [Glycine max L. Merrill] in Zambia
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 (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)
	The manuscript presents requirements. However, I make some suggestions: <u>In Material and Methods</u> - It would be possible to group the genotypes according to the cycle (eg early semi, early, late)? - Present climate and soil rating of the studied sites; - In line 72: Planting was done at different times Please, name the time (date) accurate planting. - Lines 77: At maturity ... Please characterize this stage (characteristic of the plant, grain water content) - The grain yield and 100 seed weight was obtained when the seeds possessed that water content? <u>In Results</u> - I suggest to present the values of the variables analysed in table or graph (days to 50% flowering, Plant height, 100 seed weight and pods per plant) <u>In Discussion</u> - Lines 198-202: The discussion can be enriched if performed the thermal time (degree day) required for flowering and production of each genotype in different environments studied.	Most of the materials and methods have been changed to try to address the concerns raised by the reviewer. However, could not manage on genotype description due limited availed information on the genotype descriptors. Tables have been included in the results section The thermal degree day aspect was not taken care of during the time of the research taking in consideration that thermal time is rarely a limitation this part of the world during the growing period.
	- Improving the quality of figure 1 - Suggest adding in Table 1, the total precipitation at each location during the cultivation period. - In conclusion, avoid discussing the results: For example, the paragraph between the lines 260 and 264.	The concerns raised have been attended to
<u>Optional/General comments</u>		The title has been changed to come out more appropriate, hence the main objective also being modified as per arguments in the reviews.