SDI Review Form 1.6

Journal Name:	**Journal of Experimental Agriculture International**
Manuscript Number:	**Ms_JEAI_41377**
Title of the Manuscript:	**Nursery water supply and biomass accumulation relationsips in super sweet maize (sh2)**
Type of the 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)

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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	**Correct the spelling mistake "relationsip" in the title** **Make the hypothesis statement more clear (abstract and introduction sections)**	OK. It was corrected Hypothesis has been improved
Minor REVISION comments	**Abstract**: - Line 4: change the word "routine" to "regime" - Line 6: the hypothesis is not clear **Introduction**: - Line 69: Change the word "routine" to "regime" - Line 70 to 71: the hypothesis is not clear **Materials and methods** - Line 82: Did you actually mean "ranging" instead of "ranged"? **Results** - Line 172-173: However, '3475' maize hybrid showed no 173 SER differences for the two higher water supply (Figure 2). Actually, Figure 2 shows letters a b b, suggesting that the SER at 100%is higher than those at 75 ant 50%!! - Line 205 to 207: The sentence is not clear. - Line 241: Change the word "significantly" to "significant" - Table 2, variety 3475, variable LAR, the mean comparisons are given as: 107.33a 115.29b 115.22a Superscript 'a' suggests that means 107.33 and 115.22 are equal, and are significantly different from 115.29, which is not correct. Please revise. - Lines 263 & 264: give the P value to indicate whether the r^2 values were significant or not - In all the Tables, please indicate the LSD values so to facilitate interpretation of the data - Figure 8. Need to set the y-axis minimum as may be 6, and NOT zero. **Discussion** - Lines 310-313: "Results from Cardoso et al. [32] who showed that there is genetic variability in traits such as pericarp thickness are in agreement with Figure 1, which showed significant solute leakage differences between the three sweet maize hybrids tested, however … Better to rephrase this as "Results in Figure 1 which showed significant solute leakage differences between the three sweet maize hybrids tested, are in agreement with results from Cardoso et al. [32] who showed that there is genetic variability in traits such as pericarp thickness…" - Lines 316 to 317: Although a major goal of *sh2* maize-breeding programs is an increase in field emergence [33], transplant routine has showed to let reach this objective [34] – not clear what you mean!! - Line 332: Did you actually mean tray instead of try? - Line 388: Change "altering" to "alters" - Line 392: Change "fully" to "full"	 OK OK OK OK OK Lower case letters indicate significant differences in seedling emergence while number over bars indicate SER. Sentence has been improved OK It has been changed P values were included in Fig. 8 Significances are indicated through different lower-case and capital letters OK. Axis have been changed Paragraph has been changed. Paragraph has been changed. Incorrected words have been changed

Optional/General comments	- Author is advised to do a spell check to reduce on spelling and grammatical errors - Does this particular Journal have a page limit? Sixteen pages for one paper is really high! - Considering the two many references (54 total) used in the manuscript, the author should consider dropping some of them out, especially where there are two or three citations listed in the same spot, e.g. 1,2,3 (line 19); 41,42,43 (line 377), or where the same reference is cited in different multiple sections.	Paper has been fully checked. There is no page limits. Many aspects of plant growth has been included to explain our results for which a great bibliographic support is needed.