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Journal Name:	**Journal of Experimental Agriculture International**
Manuscript Number:	**Ms_JEAI_47905**
Title of the Manuscript:	**Development and gas exchange of pre-sprouted sugarcane seedlings in different substrates**
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	**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	This **Journal paper is technically acceptable and scientifically sound. The Topic, Abstract, Keywords, Introduction,** Materials and Methods, Results and Discussion, Chart 1, 3 Tables and 2 Figures, Conclusion and References are all of acceptable standard. However, I disagree with one of the keywords – Bovine manure. Three of the References (In Line 255 - 2. Landell, M.G. of A. et al.; In Line 291 - 13. BucciSJ et al.; In Line 295 - Evaluacionagronomica of growing substrates (seems two different languages are used). These should be amended if possible.	
Minor REVISION comments	1. Lines 3 to 5: Topic could be modified as - **Development and Gas Exchange of Pre-sprouted Sugarcane Seedlings in Three Different Growing Substrate Media** 2. Line 11: There could be a change as follows – **Study design:** A randomized complete block design was used with two genotypes, three types of substrate (2 x 3), four replicates and five plants per replicate, totaling120 plants. **Location and duration of study:** between genotype and substrate for this characteristic. 3. In Line 13: Could change '*Bovine manure;*' to *Substrate media; Substrate media;* and delete '*Fertilization;'* as - *Keywords: Propagation; Physiological behavior; Substrate media; Saccharum spp. seedlings* 4. In Line 30: Could delete 2013 as - According to Kratz et al. [3], 5. In Lines 63 and 64: Could put 'complete' and 's' after substrate and replace 'were treatment' with 'per replicate' as follows – A randomized complete block design was used with two genotypes, three types of substrates (2 x 3), four replicates and five plants per replicate, totaling 120 plants. 6. In Lines 76 -77 : Could change as - **acquired from UFPB, Areia, Brazil, and cured for one month.** 7. In Line 102 : Could insert 'the formula' as - transformed by the formula $\sqrt{Y+1}$ to meet	

	8. In Line 116: Could say (see Figure 1-A and Figure 1-B) or discuss briefly Figure 1-A and Figure 1-B 9. In Line 121: Under Table 1 could change 'Source of variance' to Source of variation and 'Coefficient of variance (%)' to Coefficient of variation (%) 10. In Line 133: Under Table 2 could change 'Source of variance' to Source of variation and 'Coefficient of variance (%)' to Coefficient of variation (%) – could change ' Bloco' to Block 11. In Line 151: Could delete '2017' and change' point' to pointed as - Gazola et al. [8] pointed out 12. In Line 153: Could change 'obtainment' to attainment as - hamper the attainment of 13. Under Line 182: Table 3 could change 'Source of variance' to Source of variation and 'Coefficient of variance (%)' to Coefficient of variation (%) 14. Line 214: Could delete '1993' as - According to Abad, Martinez and Martinez [14], 15. Line 222 : Could put full in words as - Put full name (RuBisCO). 16. Line 231: Could change 'mass' to matter as – root dry matter and 17. Line 265 : Could change 'ingredientes' to ingredients 18. Lines 251 to 298 : Could check that the References are in the acceptable format of this Journal.	
Optional/General comments	A good write up but could always do a little more 'Google Search' of one or two Published Journal Papers to enrich or ensure that you get the most current information on this work under the INTRODUCTION and RESULTS AND DISCUSSION.	

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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