



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_36480
Title of the Manuscript:	Influence of prolonged drought on groundwater quality: Irrigated Perimeter of Lower Acaraú – State of CE – Northeast of Brazil
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>)



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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		
Minor REVISION comments	In abstract- to identification to be changed as to identify In abstract - The Piper Diagram was used in the classification and evaluation of the waters, and for irrigation the methodology of the Salinity Laboratory of the United States, by qualigraf software. Sentence is not proper In abstract -The groundwater dynamics indicated that the prolonged drought reduced the level of the water blade. Correction - blade or table? should be corrected In abstract -Group 1 did not influence the reduction of rainfall in the years 2012 to 2016. Correction - influence the reduction or indicate the reduction? It should be corrected Line 26- natural managers resource or natural resource managers? Should be corrected. Line 40, 41 42 _ It is very important to identify the water quality as well as check their vulnerability to human activity, to be carried out proper management of water resources in relation to their management, use and conservation Sentence is not proper Line 127 and 128- For the years 2010 and 2011 were availability 128 data from the previous work done by [9] at the same points. Sentence is not proper Line 149 - parameters of CE Correction – CE or EC? Line 149 and 150 - to identify whether the samples are at risk of 150 salinization and/or sodification, the methodology of the US Salinity Laboratory Sentence is not proper or Sentence is incomplete Line 242 - Figure 5A caption is not shown in fig 5. In the caption- Fig. 4. Similarity of the ionic concentrations of the waters of the ponds in the perimeter irrigated Low Acaraú-CE In the caption - Table 3. Mean, minimum and maximum values the attributes of the groups formed by DIBAU ponds, for comparison purposes In the caption - Fig. 5. Statistical analysis of descriptive attributes studied for groundwater supplies at the perimeter irrigated low Acaraú – CE In the Fig 4 caption, water of the ponds is mentioned. In Table 3 caption, values the attributes of the groups formed by DIBAU ponds is mentioned. In the Fig 5 caption, studied for groundwater supplies is mentioned. Waters of the ponds or the ground water? It should be clarified. There is confusion.	The authors agree with all the suggestions of the reviewer and have made the requested adjustments.
Optional/General comments		