



SDI Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_49525
Title of the Manuscript:	Analysis of the Atriplex Subjected to Claroideoglomus etunicatum and to the Desalinator Reject
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>)

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	<p>In this paper authors analyzed the minerals extracted from the soil and absorbed by <i>Atriplex nummularia</i> Lind. submitted to <i>Claroideoglomus etunicatum</i> and to the desalinator reject. The experiment was conducted in a greenhouse at the Agronomic Institute of Pernambuco - IPA, Recife, Pernambuco, Brazil. The experimental design was of randomized blocks with the treatments constituted in a factorial scheme, in five levels of salinity: AC: 2.87 mS / cm; T1: 11.54 mS / cm; T2: 12.04 mS / cm; T3: 13,13 and T4: 14,16 mS / cm, associated with the presence and absence of AMF, presence and absence of nutrient solution and autoclaved and non-autoclaved soil. 8.0ml of Hoagland & Arnon complete nutrient solution was added every fortnight.</p> <p>Based on above study, authors observed that in non-autoclaved soil <i>Atriplex</i> absorbed higher nutrient content. Furthermore, the best treatment was the T4 of EC of 14.16 mS/cm + AMF + Hoagland & Arnon solution. Therefore, the high sodium content absorbed (22%) by <i>Atriplex</i> evidences the potential of its use in phytoextraction programs in soils affected by salts.</p> <p>Following corrections/ modifications are needed: Page 10; 4.CONCLUSION: <i>Authors are advised to amend it with point wise out comes.</i></p>	
Optional/General comments	<p>Manuscript is interesting and structured properly, but need to be improvised linguistically.</p> <p>The review manuscript is recommended for publication after incorporating above suggestion / comments.</p>	



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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?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

Reviewer Details:

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