



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_41027
Title of the Manuscript:	Effect of Saline Concentrations in Melon Under Different Substrates in Hydroponic System
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	The authors presented the Ms titled "Effect of Saline Concentrations in Melon under Different Substrates in Hydroponic System" For possible publication at the Journal. After reviewing the Ms, the results are as follows. I suggest accepting for publication at the Journal after major revision. The content is original for the field, the results are convincing and well discussed. I have some suggestions to the authors: In Line, 12-13, delete "The culture ... up to (Basaplant)." In addition, start the abstract as "The results show that the culture of the melon in hydroponic medium using different substrates, and increasing concentration of NaCl-salts, indicated that when the electrical conductivity (CE) levels increases as 2.0; 5.0; 8.0 and 11.0 dS.m-1, the melon growth was higher by 2.88 cm per day, with CE of 2 Sm-1. Thereafter, decreases the growth rate of melon as 2.33, 1.77 and 1.23 cm per day, when CE's goes from 5, 8 and 11 dS.m-1, respectively. In addition, the substrates sand, coconut powder and the commercial substrate (Basaplant) or salts-substrates, had no-effect on melon growth." In Line 27, Add "The Brazilian Northeast is the main region producing melon, with the semi-arid regions as highlight. These regions present edaphoclimatic characteristics that provoke the process of salinization, hindering the exploitation of plant species." Taken from the abstract. In Line, 139 delete "It can be observed" and write "Show". In Line, 141 delete "being". In addition, after %), substitute by . Moreover, delete "that is," Start with "The salinity affected negatively the melon seeds germination". In Line, 193 meaning of UN after 1.05. In Line, 216 add after 15,16] similar results were found in this investigation. In Line, 216 after 17,18] add that is similar results found here. In Line, 394 change solution by water. Include in conclusion "We propose to use saline soil and saline water in hydroponic, as well as, to develop cultivars with a greater tolerance to salinity for a better melon production.	
Minor REVISION comments		
Optional/General comments		

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