



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_39849
Title of the Manuscript:	Development and productivity of tomato plants under water deficit
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 research findings in the article are an interesting contribution in the field of water use and irrigation management in table tomato under greenhouse conditions. The subject of this study is within the scope of the journal. The data and methodologies presented in this paper appear sound. The materials and methods section should include information about the greenhouse atmosphere conditions. The statistical analysis should include an analysis of variance to a better understanding and discussion of results. Recognizing, however, the importance of the study for the knowledge of irrigation management in table tomato production, I consider that, after making the corrections that are suggested below, the article is acceptable for publication. - Line 53: correct "Köppen" - Line 55: Please provide a reference for the Soil Classification System - What were the atmosphere conditions of the greenhouse during the study? - Please relate the 10 kPa water tension value for FC with the soil physical characteristics. - Why not tensiometers at two depths (to control percolation, depth of water extraction and/or irrigation duration)? - The regression analysis, although well presented and discussed, should be complimentary to an ANOVA. The ANOVA would help understand the significance (or not) of the differences obtained, particularly for number of fruits / plant and yield at 15 kPa and 25 kPa tensions. Furthermore, author(s) state that "... data of the evaluated characteristics were submitted to analysis of variance (ANOVA) at the level of 5% of significance." (line 120) - Line 126: replace supply by availability	
Minor REVISION comments		
Optional/General comments		

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