



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_38519
Title of the Manuscript:	Irrigation with Controlled Water Stress and its Effects on Physiology and Phenology of 'Navelate' Oranges
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)
<u>Compulsory</u> REVISION comments	The objective of this work was to analyze physiological responses and phenology changes on 'Navelate' orange trees submitted to water stress conditions The authors stated that "water stress, in any level, reduced both plant growth and fruit production" What is the new contribution of the finding of this study to concern with fruit quality and plant growth?	The contribution of this study to plant growth and fruit quality lies in the following issues: 1- Young plants would require adequate water supplementation in order to avoid reductions in growth and damage to physiological and phenological processes, such as the production of flowers that were normally aborted by plants subject to water restriction. 2 - Regarding fruit production, it was observed that the sugar content was reduced in relation to plants that were not exposed to water deficit (unpublished data), leading to a decrease in fruits quality (size, appearance) and in the product final value that will be destined to the industry or the consumer market. 3 - The emission of new branches and shoots is also compromised due to the lower water availability inside the cell, limiting its expansion and consequently affecting the cv. Navelate growth.
<u>Minor</u> REVISION comments	Correct typing mistakes In table 1: Trataments ? Reference No 26: VELEZ JE, HERRERA JGA, SANABRIA OHA. WATER STRESS IN CITRUS FRUITS (CITRUS SPP.): A REVIEW. ORINOQUIA. 2012 ;16:32-39. SPANISH.	Table 1 has been revised. The reference Velez et al. (2012) was added to the manuscript
<u>Optional/General</u> comments		