



SDI Review Form 1.6

Journal Name:	Journal of Experimental Agriculture International
Manuscript Number:	Ms_JEAI_38522
Title of the Manuscript:	Effect of chemical thinning season using Metamitron on peaches 'Sensação' quality
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	1) One of the biggest problems with the manuscript is low quality of English. I recommend help from a native speaker. 2) No information about date of the fruit harvesting (in DAFB). Were all test groups collected in the same day ? 3) Was the metamitron effective as thinning agent ? Also no information. 4) There are few more parameters that could be implemented in the research. What about content of sugars in fruits, their average size, and total yield per tree ? 5) What about safety of the fruits obtained that way ? In some regions there are regulations on the maximal exposure of metamitron to humans (in European Union ADI is 0.03 mg per kg of body weight per day). Is metamitron present in fruits in fruits on the harvesting day ? Can it be easily removed by washing the peaches ? Please, provide some results of own experiments or literature data. If method is not safe for consumers such research is not eligible.	1) English has been verified. 2) It was added in the material and methods information about the harvest, such as the date. All treatments were collected on the same day. (The fruits were harvested at 95 DAFB in the year 2015 and 104 DAFB in the year 2016). 3) Yes, the metamitron has thinning agent effect. However, the objective of this study was to verify if there was a difference in quality. 4) The objective of this work was to verify the quality of the fruits and not the productivity. But the solid fruits are present at work. 5) In this work the residues of the product in fruits were not evaluated, however, application of metamitron as raleante in apple 'Elstar"', dose de 350mg.L when sprayed to thin apple fruitlets, did not cause leaf injury, pigmy fruit, fruit malformation and russeting or detectable residue levels in the fruit. Recalling that in the peach tree the dosage used was 200mg.L.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments	The manuscript presents the research conducted on the peach fruits treated with metamitron as an alternative to manual thinning. The paper presents evaluation of selected quality parameters of the fruit collected in two seasons. The manuscript presented by the authors is technically proper and present original findings, however before publication serious corrections should be made (listed above).	