



SDI Review Form 1.6

Journal Name:	American Journal of Experimental Agriculture
Manuscript Number:	2015_AJEA_17715
Title of the Manuscript:	Impact of Different Levels of Nitrogen in Liquid Fertilizer (Sidalco) on the Population Dynamics and Within Plant Distribution of <i>Aphis gossypii</i> and <i>Thrips palmi</i> and Yield of Eggplant
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>)



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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 work is very important showing the role of fertilization in crop protection; there are however some shortcomings to fulfil: Title The title seems not appropriate: It will be better to replace "population dynamics" with "infestation". Abstract Page 2: Line 6: replace population dynamics with infestation; Draw conclusions at the end of abstract; Key words: Replace Thrips with <i>Thrips palmi</i> and Aphis with <i>Aphis gossypii</i>; and add Eggplant Introduction Page 3 Line 9: to update reference [4]; Line 22: Give an examples of workers having studied the fertilization effect on insects; Page 4: Line 14: Replace "Population dynamics" with "Infestation rate" Materials and methods Page 6 Line 2: Add active ingredient and concentration of "Redomil" Line 9: specify the time zone (GMT?);	Infestation would mean some damage data had to be added but that was not the focus of the study, so the title is appropriate Same explanation as above These references were provided Same explanation as above Included in the revised MS



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	Line 16: Specify: stages of the insects and the adult's morph in the aphid case; Results Page 7 Table1: Delete "<i>A. gossypii</i> population dynamics in response to N application in major season" at the bottom of the table 1; Line 14: Replace "<i>Population dynamics</i>" with "<i>Density</i>"; Pages 8 and 9 Figures 1and 2: Y axis: the raison d'être of <i>Aphis craccivora</i> ?; Replace <i>Aphis craccivora</i> with <i>Aphis gossypii</i> ; add the year in title; Pages 10 and 11 Figures 3 and 4: Y axis: the raison d'être of <i>Thrips tabaci</i> ?; Replace <i>Thrips tabaci</i> with <i>Thrips palmi</i>; add year in title; Page 14: Table 6: Add SE or SD for each mean To seek for a relationship between Yield and densities of the insects studied; Discussion If possible, discuss in terms of threshold levels of Thrips or Aphids. Conclusions Relation between density and threshold levels? Relation between N rates and yields or damage!	All the stages were put together as one when data was being collected Has been done. Same explanation as above Has been done Has been done CV has been provided Because the study focused on population dynamics and not on infestation and damage levels of the insects, considering the threshold levels would be out of the scope of the study; see objectives of the study
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<u>Minor</u> REVISION comments	References It's worth to be updated.	
<u>Optional/General</u> comments	In the future, It's worth to compare insect performances according to fertilization.	Well noted.