

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_122915
Title of the Manuscript:	Assessing the Impact of Elevated Temperature on Reproductive Success in Fall Armyworm
Type of the Article	Original Research Article

Review Form 3

PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</p>	<p>the increasing impacts of climate change and particularly rising temperature, it is likely affect the ecology and lifecycle of all the living species including insects. This is an crucial study on the effects of heat stress on fecundity and hatching percentage of fall armyworm which is causing a serious damage as invasive pest in several parts of the world and is important for understanding how extreme weather conditions could influence pest populations and crop damage.</p>	
<p>Is the title of the article suitable? (If not please suggest an alternative title)</p>	<p>The title looks goods and properly addresses the context of the paper.</p>	
<p>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</p>	<p>The abstract is good including a background, methods, result and conclusion of the study.</p>	
<p>Are subsections and structure of the manuscript appropriate?</p>	<p>Yes. The subsection and structure of the manuscript is good. Result section can be subdivided into two sub headings for fecundity and hatching percentage. Discussion section can be separated from the result section and more discussion can be added.</p>	
<p>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</p>	<p>This paper appears to be scientifically robust with the experimental designs, its methodology. and statistical analysis. This paper presents the result stated in the objective of the paper. More parameters like multiple heat stress events, larval development etc. could have been looked into to make the result section more strong.</p>	
<p>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</p>	<p>Yes. The references look sufficient for this manuscript.</p>	
<p>Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?</p>	<p>Yes. The subsection and structure of the manuscript is good. Result section can be subdivided into two sub headings for fecundity and hatching percentage. Discussion section can be separated from the result section and more discussion can be added.</p>	
<p>Optional/General comments</p>	<p>This paper appears to be scientifically robust with the experimental designs, its methodology. and statistical analysis. This paper presents the result stated in the objective of the paper. More parameters like multiple heat stress events, larval development etc. could have been looked into to make the result section more strong.</p>	
	<p>Yes. The references look sufficient for this manuscript.</p>	
	<p>Yes. English quality of the article is suitable for scholarly communication.</p>	

Review Form 3

PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Kushal Naharki
Department, University & Country	West Virginia University, USA