

## Review Form 1.7

Journal Name:	<b>Journal of Experimental Agriculture International</b>
Manuscript Number:	<b>Ms_JEAI_98263</b>
Title of the Manuscript:	<b>Spatial distribution of <i>Spodoptera frugiperda</i> (JE Smith) (Lepidoptera: Noctuidae) on corn crops at Durango, Mexico.</b>
Type of the 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:

(<https://www.journaljeai.com/index.php/JEAI/editorial-policy> )

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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)
<p><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1.- Yes, the knowledge of the spatial distribution and migration of the most important pest for corn production is definitive important.</p> <p>2.- Yes, although it's necessary add some maps of the distribution and expand de search.</p> <p>3.- No, there are some phrases than don't make sense (in English).</p> <p>4.- No, the materials and methods aren't enough clear and complete.</p> <p>5.-Yes. But need more information.</p> <p>6.- Yes.</p> <p>Comments: It's necessary to use geographical materials to stablish the spatial distribution of the pest, according to the development of the crop, agreed with the seasons and the migrations of the pest.</p> <p>You wrote:</p> <ul style="list-style-type: none"> <li>• The populations of the pest are influenced by the genetics of the maize and the environment if it's true what's the best choice to avoid infestations by the fall army worm?</li> <li>• The altitude and phenological stage are critical for the highest infestations levels of the pest in the crops, do you think that its true for the establishment of the economic threshold in this crop and pest?</li> <li>• You found that the highest levels of infestation were between v6-v8, what was the instar of the fall armyworm find in that stage of development?</li> </ul> <p>It's necessary comment: What was the hybrid's name? Or were native crops? What was the date of the crop establishment? Did you record the instar of the pest and the damage level of the plant according to Davis's classification? If the individual crops owners used any type of control against the pest and how it changes among each productor. When were the first detection of the pest and what was the stage of development of the crops at that time? Are there any correlation between distribution of the pest found in this work and the damage or yield loss? Why the determination of the population mean, and variance are not indicative determinants of the spatial distribution in your work? How do you explain the conclusions in the 4<sup>th</sup> paragraph of the results (a sample with V4 has a mean of 0.36, variance of 0.52, an S2/ <math>\chi^2</math> of 1.45 and the distribution is aggregated, while another sample this time with V6, has 0.36, 0.4 and 0.92, respectively and the distribution is random)? Who is decisive for the pest management, start of the infestation, start of the spread and kind of control: altitude, vegetative stage of the crop, climatic conditions, larval instar, spatial distribution or a combination of factor and they correlations?</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	t need to be reviewed	
<b>Optional/General</b> comments		

**PART 2:**

	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)
<b>Are there ethical issues in this manuscript?</b>	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

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**Reviewer Details:**

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