

## Review Form 1.7

Journal Name:	Journal of Agriculture and Ecology Research International
Manuscript Number:	Ms_JAERI_109286
Title of the Manuscript:	Mitigating Plant and Soil Health Options Through Climate Resilient Maize-Mungbean Based Intercropping for Rainfed Agriculture
Type of the Article	

### 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><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>Yes, the experiment was evaluating the response of intercropping in maize and cowpea with implementation of farm yard manure and chemical fertilizer. With the study revealing that intercropping is a best way of increasing crop yield and quality by bringing positive changes in the soil properties and health.</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes, they are sufficient and recent</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	<p>Yes</p>	
<p><b>Optional/General</b> comments</p>	<p>That intercropping maize and mungbean, combined with farm yard manure, leads to improved plant parameters and positively influence soil parameters</p> <ul style="list-style-type: none"> <li>- That farm yard manure intercropped has multiple benefits like improved soil fertility, better nutrient availability and increased plant performance.</li> <li>- The study states that intercropping in combination with appropriate nutrient management practises is an effective strategy of maximizing agricultural productivity and improving soil health, leading to significant benefits for farmers and environment</li> </ul>	

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

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**Reviewer Details:**

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