

**Review Form 3**

Journal Name:	<b>Journal of Agriculture and Ecology Research International</b>
Manuscript Number:	<b>Ms_JAERI_121775</b>
Title of the Manuscript:	<b>The Deviation of Farmer's Willingness and Behaviour to Apply Bio-pesticides</b>
Type of the Article	

**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	<b>Reviewer's comment</b>	<b>Author's Feedback</b> (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<p><b>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.</b></p>	<p>This manuscript is significant for the scientific community as it addresses the crucial issue of bridging the gap between farmers' willingness and actual behavior in adopting biopesticides. It provides valuable insights into the factors that influence this deviation, such as education, awareness, peer influence, and economic considerations. The use of a logistic regression model to analyze these factors adds rigor to the findings, making it a substantial contribution to the field of sustainable agriculture. I find this manuscript valuable as it not only highlights the challenges but also offers practical solutions to enhance biopesticide adoption, which is essential for promoting environmental sustainability.</p>	
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>The current title, "The Deviation of Farmer's Willingness and Behaviour to Apply Bio-pesticides," accurately reflects the study's focus on the discrepancy between farmers' willingness and actual behavior in using biopesticides. However, it could be made more concise and engaging. A suggested alternative title could be: "Bridging the Gap: Factors Influencing Farmers' Willingness and Behavior in Biopesticide Application" This title captures the essence of the research while being clear and concise.</p>	
<p><b>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.</b></p>	<p>The abstract of the article is generally comprehensive, covering the essential aspects of the study, including the research objective, methodology, key findings, and recommendations.</p>	
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>	<p>The subsections and structure of the manuscript appear to be generally appropriate, as they align with standard academic practices for organizing research papers.</p>	
<p><b>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.</b></p>	<p>This manuscript demonstrates scientific correctness and robustness through its well-structured methodology and rigorous data analysis. The use of a logistic regression model to analyze factors influencing farmers' behavior is technically sound and appropriate for the research objectives. The study is based on a representative sample of 127 farmers, which adds credibility to the findings. Additionally, the manuscript's clear presentation of variables, statistical techniques, and results ensures that the conclusions drawn are based on solid evidence, making it a valuable contribution to the field.</p>	
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b> :</p>	<p>The references are generally sufficient; however, <b>I would recommend checking if there are recent studies on biopesticide adoption, sustainable agriculture, and behavior change models that could be included, ideally from the last 5-10 years. Ensuring that the manuscript draws on the latest research will enhance its relevance and impact.</b></p>	
<p><b>Minor</b> REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>The language and English quality of the article are generally suitable for scholarly communications</p>	
<p><b>Optional/General</b> comments</p>		

**Review Form 3**

**PART 2:**

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

**Reviewer Details:**

Name:	<b>Ferdinand Uwaifo</b>
Department, University & Country	<b>Edo State University, Nigeria</b>