Review Form 2

Book Name:	Current Research Progress in Agricultural Sciences
Manuscript Number:	**Ms_BPR_3404**
Title of the Manuscript:	**Factors Influencing Compliance to Safety Measures in Pesticide Use among Small-scale Farmers in Miryia Subcounty, Masindi District, Uganda**
Type of the Article	**Book chapter**

General guidelines for the Peer Review process:

This Book'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 guidelines for the Peer Review process, reviewers are requested to visit this link:

https://r1.reviewerhub.org/general-editorial-policy/

PART 1: Review Comments

Compulsory REVISION comments	**Reviewer's comment**	**Author's Feedback** *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
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.	**This manuscript tackles an important issue—pesticide safety compliance among small-scale farmers, especially in a developing country context. Its exploration of both individual and institutional factors offers practical insights that can guide public health efforts and agricultural policies. The findings could be useful for designing interventions that encourage safer pesticide practices.**	
Is the title of the article suitable? **(If not please suggest an alternative title)**	**The title is clear and aligns well with the focus of the study. A minor adjustment might make it even clearer: "Determinants of Compliance with Safety Measures in Pesticide Use among Small-Scale Farmers in Miirya Subcounty, Masindi District, Uganda."**	
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.	**The abstract provides a solid overview of the study. Adding a few more details about the methodology and main findings could make it even stronger. For example, including the sample size (387 farmers) and specifying key statistical methods would add clarity. Highlighting the actual compliance rate and significant findings, like the impact of attitude, risk perception, and SOPs, would also help readers get a fuller picture.**	
Are subsections and structure of the manuscript appropriate?	**The manuscript's structure is logical and easy to follow. One suggestion to streamline the flow would be to combine the "Introduction" and "Literature Review" sections into a single "Background" section. Additionally, separating the "Results and Discussion" sections might help distinguish the findings from the interpretation, making each part easier to navigate.**	
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.	**The study is well-executed and methodologically sound. The combination of descriptive and inferential statistics effectively highlights the factors influencing compliance. To provide an even more balanced perspective, a brief discussion on possible biases in sampling and limitations of self-reported data would be beneficial.** **Suggested Revision: Adding a short section on limitations, especially around self-reporting and sampling considerations, could strengthen the analysis.**	

Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. -	**The references are appropriate and current, covering most relevant studies. Including a few additional references on pesticide compliance from similar regions would add context, helping readers understand how this study fits into the wider field and also highlighting some mental challenges and neurodegenerative diseases associated with the exposure to pesticide/insecticide.** **Suggested Addition: Consider including studies from sub-Saharan Africa or other developing areas to broaden the comparative analysis. Udodi P.S., Anonye T.C., Ezejindu D.N., Abugu J.I., Omile C.I., Obiesie I.J., Ogwo R.N., Abattam C.I., Akukwu D.C., Uloneme G.C., Oyinbo C., 2023. Exposure to insecticide mixture of cypermethrin and dichlorvos induced neurodegeneration by reducing antioxidant capacity in striatum. Journal of Chemical Health Risks. 13(3), 423-439. Damian Nnabuihe Ezejindu, Princewill Sopuluchukwu Udodi, (2023). Alzheimer's- and Multiple Sclerosis-Like Features on Key Brain Centres of Wistar Rats Exposed to Cypermethrin and Dichlorvos. Nigerian Journal of Neuroscience. 14(3): 68-77**	
<u>Minor</u> REVISION comments **Is the language/English quality of the article suitable for scholarly communications?**	The language is generally clear, though simplifying a few long sentences could improve readability. This would be particularly helpful in the abstract and discussion sections. Suggested Language Revisions: - Shorten complex sentences for a smoother reading experience. - Maintain consistent terminology throughout, using "safety measures" rather than varying terms.	
<u>**Optional/General**</u> comments	The study's findings are highly relevant for health and agricultural policy. Including visuals, like charts on compliance levels or influential factors, could make the results even more accessible and engaging for readers.	

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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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