

Review Form 3

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| Journal Name: | Journal of Agriculture and Ecology Research International |
| Manuscript Number: | Ms_JAERI_126802 |
| Title of the Manuscript: | Logistic Regression Analysis of Applicators’ Compliance with the Recommended Doses of Pesticides on Watermelon in Yobe State, Nigeria |
| Type of the Article | Original Research Article |

General guidelines for the 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 guidelines for the Peer Review process, reviewers are requested to visit this link:

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

Important Policies Regarding Peer Review

Peer review Comments Approval Policy: <https://r1.reviewerhub.org/peer-review-comments-approval-policy/>
Benefits for Reviewers: <https://r1.reviewerhub.org/benefits-for-reviewers>

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> |
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| 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. | I appreciated the advanced statistical analysis used in this study because, in most cases, the authors. Use simple percentages. I appreciated the fact that the paper presented essential agro-sociological information and linked the The wrong use of pesticides can help to improve the situation. However, crucial information needs to be collected and analysed. | OK |
| Is the title of the article suitable? (If not please suggest an alternative title) | Advanced Analysis of Applicators’ Compliance with the Recommended Doses of Pesticides on Watermelon in Yobe State, Nigeria Or Advanced Study of Applicators’ Compliance with the Recommended Doses of Pesticides on Watermelon in Yobe State, Nigeria | A title suggested by the second reviewer has been adopted. |
| I s the abstract of the article comprehensive ? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | 1-I Think the authors should number the lines in the manuscript The information concerning the dosage should be quantified and compared to the standard | Methodology adopted in measuring compliance was explicit enough. Quantifying the dosage of each respondent and comparing it with the standard or recommended dosage is another way of measuring the dependent variable which will require more time and resouces. |
| Are subsections and structure of the manuscript appropriate? | 1- In the Methodology he can include the subtitle to describe 2- Ex area of study 3- Period of study 4- Sampling 5- Statistical analysis | I agreed with the second reviewer, the subsections and structure are ok. |
| 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. | Table 6 reveals that the overall mean (0.43) of access to information on hazards associated with pesticides was low. On pesticides related to hazards However, extension agents were ranked 1 st , pesticide dealers were ranked 2 nd and radio was ranked 3 rd as sources of information (as source) 76.3% (76.3 % -space) (Omnibus Chi-square= 55.613, df=11, p<0.001). (Omnibus Chi-square = 55.613, df = 11, p < 0.001 space). Correct the minor mistakes | Nothing seems to be incorrect here when I checked. |

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| Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. | Check very well according to the guidelines of the manuscript | Updated |
| Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications? | It is average and need to be improved a little bit during the revision | |
| Optional/General comments | The authors investigated the sociological critical points of knowledge and so on But conclude about the dosage, I think he should 1- Collect the data on all the types of pesticides the farmers use on watermelon in their area of study and check those can cause sickness based on who /Fao Toxicity, etc ... 2- Collect data on dosage and the frequency of application of those pesticides on watermelon (and present the quantity of dosage (what is the dose it is essential) 3- Compare maybe the collected data with the standard (from a research institution or Ministry of Agriculture 4- I will advise the author to Check the website of RASSF of European Union he will find Food recall from his home country the reasons the quantity of pesticides in food (for the introduction references) Or to support the discussion. 6- In the introduction, mention the effects of pesticides on biodiversity, water, etc. 7- Correct minors' mistakes and faults 8- Check the font and size according to the guideline of the journal for title ,subtitle , and text each section | The scope and objectives of the current research have been realised. |

PART 2:

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| | 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) | |