|  |  |
| --- | --- |
|  | |
| Book Name: | **Innovative Solutions: A Systematic Approach Towards Sustainable Future** |
| Manuscript Number: | **Ms\_BPR\_3724.9** |
| Title of the Manuscript: | **Efficacy of Ruta chalepensis, Lantana camara and Ocimumbasilicum extracts in controlling Sitophilus oryzae, Acanthoscelides obtectus and Triboliumcastaneum infestations in stored grains** |
| Type of the Article | **Complete Book chapter** |

|  |  |  |
| --- | --- | --- |
| 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 minimumof 3-4 sentences may be required for this part.** | **The Manuscript targets a very important concern. Grains are the majority of the foods available worldwide and insect infestation is a major concern. Reduction of infestation by insects, will reduce or stop losses of food.** | Ok |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **YES** |  |
| 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. | **NO, More information needs to be added on the experimental design and the results. Were the essential oils able to prevent insect infestation of grains? To what extent/degree? Which was more effective? All these should be stated in the abstract.** | The manuscript has been updated as per the suggestion. |
| **Are subsections and structure of the manuscript appropriate?** | **Grammatical adjustments and rephrasing are highly recommended** | The overall quality of the English has been improved by thoroughly reviewing. |
| **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 minimumof 3-4 sentences may be required for this part.** | **The Manuscript is scientifically correct and valid but a lot needs to be done in the grammatical arrangments and phrasing. Also the Discussion and Conclusion are scanty with no much information on the research results.**  **It should be stated which of the plants exhibited more activity or did all of them do? Through what means? Was it insecticidal or by repulsion of insects or any other method that the plants helped storage of grains? If yes to what extent?Which plant/plants performed better and what recommendations for future research.** | The manuscript has been updated as per the suggestion. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.**  **-** | **More references should be added as this is for a Chapter in a text book and not a publication or review paper.** | The reference list has been updated. |
| Minor REVISION commentsIs the language/English quality of the article suitable for scholarly communications? | Yes, Just some minor grammatical adjustments are needed. | The overall quality of the English has been improved by thoroughly reviewing. |
| Optional/Generalcomments | This is a timely research work and is valid as the world is moving from inorganic to organic solutions especially with regards to human health. |  |

|  |  |  |
| --- | --- | --- |
| **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:** | |
| Name: | **Osuji-Kalu, Nnenna Chinenyenwa** |
| Department, University & Country | **Federal University of Technology, Nigeria** |