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| Name: | [**UTTAR PRADESH JOURNAL OF ZOOLOGY**](http://www.mbimph.com/journal/1) |
| Manuscript Number: | **Ms\_UPJOZ\_4615** |
| Title of the Manuscript: | **Predicting Insect Pest Outbreaks Using Climate Models and Remote Sensing** |
| Type of the Article |  |

**PART 1: Comments**

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|  | **Reviewer’s comment**   |  |  | | --- | --- | | **Artificial Intelligence (AI) generated or assisted review comments** | | | **are strictly prohibited during peer review.** |  | | **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. A minimum of 3-4 sentences may be required for this part.** | Accurate prediction of insect pest outbreaks is essential for minimizing economic losses and ensuring global food security. Integrating climate models and remote sensing technologies enhances early warning systems, enabling proactive and sustainable pest management strategies. | Noted |
| **Is the title of the article suitable?**  **(If not please suggest an**  **alternative title)** | **Good** | Thanks |
| **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.** | **Yes** | ok |
| **Is the manuscript scientifically, correct? Please write here.** | yes | Thanks |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Add more recently references | Added |
| **Is the language/English quality of the article suitable for scholarly communications?** | Not good improve it | Revised |
| **Optional/General** comments | Q1. How can the integration of climate models and remote sensing technologies improve the prediction of insect pest outbreaks and support sustainable pest management strategies? |  |

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| **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)* |  |